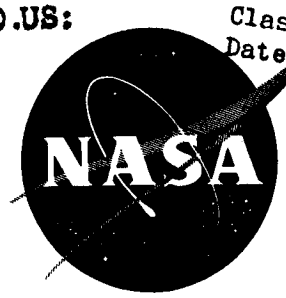

TECHNICAL MEMORANDUM

X-140

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TABULATED DATA FROM A PRESSURE-DISTRIBUTION INVESTIGATION AT MACH NUMBER 2.01 OF THE WING OF A CANARD AIRPLANE MODEL

By Cornelius Driver and James L. Jacocks

Langley Research Center
Langley Field, Va.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
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TABULATED DATA FROM A PRESSURE-DISTRIBUTION INVESTIGATION AT MACH NUMBER 2.01 OF THE WING OF A CANARD AIRPLANE MODEL*

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SUMMARY

Tests to determine the pressure distribution on the trapezoidal wing of a generalized canard airplane configuration have been made in the Langley 4- by 4-foot supersonic pressure tunnel at a Mach number of 2.01. Configurations were investigated to determine the effects of three forebody lengths; high, mid, and low wing positions; and canard deflections of 0°, 5°, and 15° through an angle-of-attack range from 0° to 15°. Limited tests were made of the effects of canard plan form and area. Tests were made at an angle of attack of 5° through the sideslip range from -15° to 15° of a swept vertical tail mounted both on the fuselage center line and on the wing at the 50-percent-semispan station.

The tabulated pressure coefficients are presented without analysis.

INTRODUCTION

As part of a research program to determine the aerodynamic characteristics of a generalized canard airplane configuration at supersonic speeds, an investigation of the pressure distribution on the wing of a canard airplane model has been made in the Langley 4- by 4-foot supersonic pressure tunnel at a Mach number of 2.01. In addition to providing detailed pressure information to supplement the force-test results of similar configurations reported in references 1 to 5, the results supply information on the study of canard interference effects through the test angles of attack and sideslip.

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*Title, Unclassified.

Wing-body, wing-body-canard, and wing—body—canard—vertical-tail data were obtained through an angle-of-attack range from 0° to 15° for canard deflections of 0°, 5°, and 15°. Some effects of canard-surface size, plan form, and moment arm were also determined. For one canard size, the effects of moment arm and wing vertical location were determined. Limited tests were also made through the sideslip range at an angle of attack of 5°.

The present report presents the results of the pressure investigation in tabulated form without analysis.

SYMBOLS

M	Mach number
S	wing area, sq ft
S_c	exposed area of canard, sq ft
X	chordwise orifice location, in.
c	local airfoil chord, in.
C_p	pressure coefficient, $\frac{p_l - p}{q}$
p_l	local static pressure, lb/sq ft
p	static pressure, lb/sq ft
q	dynamic pressure, lb/sq ft
α	angle of attack, deg
β	angle of sideslip, deg
δ_c	canard deflection (positive leading edge up), deg

MODEL DESCRIPTION

Details of the model are shown in figures 1 and 2, and the geometric characteristics are presented in table I. Coordinates of the body are given in table II. The upper surface of the right wing and the lower

surface of the left wing were instrumented at the stations shown in the sketch of figure 3. The orifice locations shown in figure 3 are repeated in the tabular-data presentation. The wing had a leading-edge sweep of 30° 58', an aspect ratio of 3, a taper ratio of 0.25, and 4-percent-thick circular-arc sections. Provision was made for mounting the wing on the body center line and either 1.41 inches above or below the body center line. A photograph of the wing, showing the orifice installation, is shown in figure 4. The long, medium, and short body lengths were obtained by using the same forebody and afterbody with the addition of cylindrical centerbody adapters of different lengths (fig. 1). The canard-surface hinge-line location was fixed with respect to the forebody; hence the canard surface moved with the forebody as the overall body length was altered. Three canard surfaces were used during the tests. Most of the tests were made with the use of the small trapezoidal canard surface $(S_c/S = 0.0707)$; whereas limited tests were made with the large trapezoidal canard surface $(S_c/S = 0.096)$ and the delta canard surface $(S_c/S = 0.075)$.

TESTS, CORRECTIONS, AND ACCURACY

The tests were made at a Mach number of 2.01, a stagnation pressure of 10 pounds per square inch absolute, and a stagnation temperature of 100° F. The stagnation dewpoint was maintained sufficiently low (-25° F or less) so that no significant condensation effects were encountered in the test section.

The angles of attack and sideslip, presented in the tabulated results, are the nominal values set during the test. Correct values were obtained optically, through the use of a prism imbedded in the fuselage of the model, and are presented in table III for representative configurations. The estimated variations in the other measured quantities are as follows:

α, deg	±0.1
β, deg	±0.1
δ_c, deg	±0.10
M	±0.01

The pressure coefficients are believed to be accurate within ±0.01. Where the pressure coefficients were known to be in error, they were deleted from the tabulation.

PRESENTATION OF RESULTS

The results are presented in tabular form as follows:

Table	Configuration				Nominal α, deg	Nominal β, deg	δ_c, deg
	Wing	Body	Canard	Tail			
IV	Mid	Long	Off	Off	0 to 15	0	--------
V	Mid	Medium	Off	Off	0 to 15	0	--------
VI	Mid	Short	Off	Off	0 to 15	0	--------
VII	Mid	Long	Small trapezoid	Off	0 to 15	0	0, 5, 15
VIII	Mid	Medium	Small trapezoid	Off	0 to 15	0	0, 5, 15
IX	Mid	Short	Small trapezoid	Off	0 to 15	0	0, 5, 15
X	Mid	Long	Large trapezoid	Off	0 to 15	0	0, 5, 15
XI	Mid	Medium	Large trapezoid	Off	0 to 15	0	0, 5, 15
XII	Mid	Short	Large trapezoid	Off	0 to 15	0	0, 5, 15
XIII	Mid	Medium	Small delta	Off	0 to 15	0	0, 5, 15
XIV	High	Medium	Off	Off	0 to 15	0	--------
XV	Low	Medium	Off	Off	0 to 15	0	--------
XVI	High	Medium	Small trapezoid	Off	0 to 15	0	0, 5, 15
XVII	Low	Medium	Small trapezoid	Off	0 to 15	0	0, 5, 15
XVIII	Mid	Medium	Off	Off	5	-15 to 15	--------
XIX	Mid	Medium	Small trapezoid	Off	5	-15 to 15	0, 5, 15
XX	Mid	Medium	Off	Center tail	5	-15 to 15	--------
XXI	Mid	Medium	Off	Wing tail	5	-15 to 15	--------
XXII	Mid	Medium	Small trapezoid	Center tail	5	-15 to 15	0, 5, 15
XXIII	Mid	Medium	Small trapezoid	Wing tail	5	-15 to 15	0, 5, 15

Langley Research Center,
National Aeronautics and Space Administration,
Langley Field, Va., July 31, 1959.

[redacted]

REFERENCES

1. Driver, Cornelius: Longitudinal and Lateral Stability and Control Characteristics of Two Canard Airplane Configurations at Mach Numbers of 1.41 and 2.01. NACA RM L56L19, 1957.

2. Driver, Cornelius: Longitudinal and Lateral Stability and Control Characteristics of Various Combinations of Component Parts of Two Canard Airplane Configurations at Mach Numbers of 1.41 and 2.01 NASA MEMO 10-1-58L, 1958.

3. Spearman M. Leroy, and Driver, Cornelius: Effects of Forebody Length on the Stability and Control Characteristics at Mach Number 2.01 of a Canard Airplane Configuration With a Trapezoidal Aspect-Ratio-3 Wing. NASA MEMO 10-14-58L, 1958.

4. Foster, Gerald V.: Effects of Wing Vertical Location on the Stability and Control Characteristics at a Mach Number of 2.01 of a Canard Airplane Configuration With a Trapezoidal Aspect-Ratio-3 Wing. NASA TM X-44, 1959.

5. Spearman, M. Leroy, and Driver, Cornelius: Some Factors Affecting the Stability and Performance Characteristics of Canard Aircraft Configurations. NACA RM L58D16, 1958.

TABLE I.- GEOMETRIC CHARACTERISTICS OF MODEL

Body:	
Maximum diameter, in.	3.33
Length, in.	37.0
Base area, sq in.	8.71
Fineness ratio	11.1
Wing:	
Span, in.	24
Root chord at body center line, in.	12.8
Tip chord, in.	3.2
Area, sq in.	192
Aspect ratio	3
Taper ratio	0.25
Mean geometric chord, in.	8.96
Sweep angle of leading edge	30° 58'
Sweep angle of 75-percent-chord line, deg	0
Thickness, percent chord	4
Section	Circular arc
Vertical tail:	
Total exposed area, sq in.	23.42
Leading-edge sweep, deg	60
Panel aspect ratio	1.11
Taper ratio	0.314
Section	Wedge slab
Leading-edge angle normal to leading edge, deg	10.6
Slab constant thickness, in.	0.1875

Canard surface:

	Small trapezoidal	Large trapezoidal	Delta
Total exposed area, sq in.	13.59	18.41	14.44
Ratio exposed area to wing area	0.0707	0.096	0.075
Section	Hexagonal	Hexagonal	Hexagonal
Constant thickness, in.	0.1875	0.313	0.313
Leading-edge angle normal to leading edge, deg	10	14	23.5
Trailing-edge angle normal to trailing edge, deg	10	14	23.5
Sweep angle of leading edge	38° 40'	38° 40'	70°

TABLE II.- BODY COORDINATES

Body station, in.	Radius, in.
Forebody (all bodies)	
0	0
.297	.076
.627	.156
.956	.233
1.285	.307
1.615	.378
1.945	.445
2.275	.509
2.605	.573
2.936	.627
3.267	.682
3.598	.732
3.929	.780
4.260	.824
4.592	.865
4.923	.903
5.255	.940
5.587	.968
5.920	.996
6.252	1.020
6.583	1.042
Short body	
17.75	1.667
31.50	1.667
Medium body	
17.75	1.667
37.00	1.667
Long body	
17.75	1.667
41.50	1.667

TABLE III.- CORRECTED ANGLE-OF-ATTACK AND ANGLE-OF-SIDESLIP VALUES

Table	Nominal α, deg	Corrected α, deg		
		$\delta_c = 0^\circ$	$\delta_c = 5^\circ$	$\delta_c = 15^\circ$
IV, V, VI, XIV, and XV	0	0.18		
	2	2.32		
	4	4.33		
	6	6.38		
	8	8.40		
	10	10.40		
	12	12.42		
	15	15.40		
VII and X	0	0.06	0.09	0.07
	2	2.21	2.06	
	4	4.28	4.13	4.13
	6	6.31	6.16	
	8	8.34	8.21	8.20
	10	10.39	10.25	
	12	12.44	12.26	12.28
	15	15.49	15.30	15.35
VIII, XI, XIII, XVI, and XVII	0	0.06	0.09	0.07
	2	2.21	2.06	-----
	4	4.28	4.13	4.13
	6	6.31	6.16	-----
	8	8.34	8.21	8.20
	10	10.39	10.25	-----
	12	12.44	12.26	12.28
	15	15.49	15.30	15.32
IX and XII	0	0.04	0.06	0.04
	2	2.10	2.21	-----
	4	4.18	4.28	4.17
	6	6.20	6.31	-----
	8	8.21	8.34	8.27
	10	10.20	10.39	10.27
	12	12.25	12.44	12.29
	15	15.30	15.40	15.40

Table	Nominal β, deg	Corrected β, deg (For all canard deflections)
XVIII to XXIII (all at $\alpha = 5.42^\circ$)	-15	-15.31
	-12	-12.30
	-10	-10.32
	-8	-8.30
	-6	-6.27
	-4	-4.22
	-2	-2.17
	0	-.04
	2	2.10
	4	4.18
	6	6.20
	8	8.21
	10	10.20
	12	12.32
	15	15.40

TABLE IV

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY,

MIDWING CONFIGURATION

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^\circ$			$\beta = 0^\circ$					
Upper surface									
.011	.055	.097	.097	.087	.084				.011
.025							.072		.025
.050	.024	.083	.081	.076	.068	.058	.059	.078	.050
.100	.027	.053	.068	.053	.050	.051	.043	.061	.100
.150	.026	.037	.051	.042		.043	.042	.042	.150
.200	.010	.020	.020	.032	.044	.029	.029	.025	.200
.250	.005	.014			.032	.027	.020		.250
.300		-.002	.012			.012	.011	-.004	.300
.350	.002	-.002	.002	.006	.013	.002	-.001	-.015	.350
.400	-.014	-.014	-.013	-.004	.001	-.006	-.013	-.024	.400
.450	-.021	-.025	-.033	-.019	-.013	-.013	-.027	-.027	.450
.500	-.021	-.030	-.033	-.027	-.015	-.025	-.025	-.033	.500
.650	-.045	-.057	-.061	-.065	-.055	-.048	-.051	-.053	.650
.800	-.052	-.068	-.084	-.082	-.077	-.089	-.077	-.064	.800
.950	-.093	-.076	-.070	-.065	-.070	-.071	-.063	-.075	.950
Lower surface									
.011	.084	.134	.139	.109	.120				.011
.020						.118	.111		.020
.050		.124	.113	.109	.105	.104	.101	.103	.050
.100		.090	.102	.094	.090	.085	.089		.100
.150	.054	.067	.090	.078	.081	.070	.078	.065	.150
.200	.055	.053	.077	.068	.072		.070	.050	.200
.250	.046	.046	.060	.062	.058	.053	.058	.023	.250
.300	.033		.043	.049	.046	.041	.044	.037	.300
.350	.027	.022	.029	.036	.035	.029	.048	.004	.350
.400	.015	.011	.018	.019	.025	.019	.033	-.008	.400
.450	.006	.005	.004	.008	.018	.018	.025	-.016	.450
.500	-.002	-.005	.004	-.008	.011	.008	.007	-.021	.500
.650	-.020	-.037	-.034	-.033	-.035	-.020	-.015	-.036	.650
.800	-.039	-.053	-.062	-.071	-.060	-.043	-.043	-.054	.800
.950	-.064	-.068	-.069	-.074	-.075	-.064	-.065	-.055	.950
	$\alpha = 2^\circ$			$\beta = 0^\circ$					
Upper surface									
.011	-.049	.027	.036	.023	.025				.011
.025						.001	.021		.025
.050	-.036	.013	.014	.013	.008	-.001	.011	.029	.050
.100	-.031	-.018	.004	-.010	-.004	-.013	-.008	.012	.100
.150	-.029	-.026	-.011	-.019		-.027	-.007	-.004	.150
.200		-.036	-.024	-.026	-.012	-.026	-.017	-.015	.200
.250		-.037			-.023	-.034	-.029		.250
.300	-.031	-.053	-.044			-.045	-.036	-.031	.300
.350	-.031	-.048	-.053	-.052	-.039	-.053	-.049	-.040	.350
.400	-.039	-.056	-.062	-.052	-.051	-.061	-.055	-.049	.400
.450	-.050	-.059	-.077	-.065	-.068	-.069	-.074	-.049	.450
.500	-.046	-.062	-.075	-.075	-.067	-.090	-.070	-.055	.500
.650	-.069	-.082	-.099	-.108	-.102	-.127	-.091	-.074	.650
.800	-.071	-.094	-.115	-.108	-.119	-.088	-.109	-.082	.800
.950	-.119	-.102	-.095	-.082	-.089		-.082	-.099	.950
Lower surface									
.011	.164	.220	.213	.180	.183				.011
.020						.181	.176		.020
.050		.210	.182	.180	.174	.168	.165		.050
.100		.157	.173	.165	.157	.150	.153		.100
.150	.096	.129	.159	.151	.147	.134	.141		.150
.200	.096	.100	.136	.141	.137		.132		.200
.250	.086	.089	.112	.131	.119	.114	.117		.250
.300	.072		.089	.111	.110	.099	.106		.300
.350	.065	.058	.070	.092	.097	.089	.106		.350
.400	.049	.044	.055	.069	.086	.079			.400
.450	.037	.040	.040	.058	.069	.077			.450
.500	.029	.027	.032	.037	.060	.067			.500
.650	.006	-.006	-.005	.005	.005	.039			.650
.800	-.012	-.028	-.037	-.034	-.025	.004			.800
.950	-.032	-.044	-.054	-.054	-.047	-.030			.950

TABLE IV

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 4^{o}$				$\beta = 0^{o}$				
Upper surface									
.011	-.114	-.037	-.018	-.031	-.025				.011
.025							-.025		.025
.050	-.096	-.047	-.034	-.038	-.043	-.050	-.036	-.019	.050
.100	-.084	-.070	-.046	-.062	-.055	-.051	-.052	-.036	.100
.150	-.072	-.077	-.058	-.068		-.061	-.051	-.045	.150
.200		-.087	-.069	-.076	-.062	-.075	-.063	-.050	.200
.250	-.071	-.080			-.071	-.072	-.071		.250
.300	-.061	-.089	-.082			-.076	-.078	-.062	.300
.350	-.058	-.080	-.095	-.096	-.085	-.087	-.088	-.071	.350
.400	-.064	-.085	-.102	-.100	-.095	-.093	-.096	-.076	.400
.450	-.072	-.085	-.115	-.108	-.112	-.102		-.077	.450
.500	-.068	-.087	-.113	-.116	-.109	-.108		-.082	.500
.650	-.087	-.100	-.129	-.144	-.142	-.127	-.129	-.099	.650
.800	-.093	-.113	-.142	-.128	-.142	-.154	-.144	-.113	.800
.950	-.144	-.125	-.127	-.116	-.123	-.121	-.119	-.140	.950
Lower surface									
.011	.261	.322	.300	.255	.263				.011
.020						.257	.242		.020
.050		.287	.274	.258	.249	.239	.229	.231	.050
.100	.202	.224	.259	.244	.232	.221	.218		.100
.150	.149	.189	.227	.230	.221	.206	.204	.181	.150
.200	.152	.159	.196	.211	.213		.188	.151	.200
.250	.137	.146	.169	.190	.196	.186	.176	.113	.250
.300	.121		.146	.165	.181	.169	.165	.118	.300
.350	.111	.109	.125	.140	.162	.159	.164	.081	.350
.400	.091	.091	.105	.116	.145	.148	.146	.061	.400
.450	.077	.081	.085	.102	.125	.139	.135	.049	.450
.500	.068	.069	.078	.083	.109	.127	.116	.037	.500
.650	.036	.033	.035	.048	.054	.084	.090	.007	.650
.800	.021	.007	.004	.002	.020	.043	.056	-.023	.800
.950	.001	-.008	-.022	-.020	-.008	.008	.023	-.034	.950
	$\alpha = 6^{o}$				$\beta = 0^{o}$				
Upper surface									
.011	-.158	-.085	-.063	-.066	-.053				.011
.025							-.058		.025
.050	-.142	-.094	-.076	-.072	-.070	-.075	-.068	-.051	.050
.100	-.126	-.119	-.085	-.090	-.082	-.076	-.084	-.064	.100
.150	-.106	-.123	-.098	-.097		-.085	-.082	-.072	.150
.200	-.101	-.124	-.109	-.104	-.088	-.097	-.091	-.068	.200
.250	-.091	-.119			-.095	-.092	-.101		.250
.300	-.077	-.124	-.120			-.108	-.108	-.075	.300
.350		-.113	-.128	-.121	-.110	-.116	-.117	-.087	.350
.400	-.078	-.114	-.133	-.121	-.119	-.122	-.124	-.089	.400
.450	-.087		-.141	-.133	-.133	-.129	-.140	-.090	.450
.500	-.082	-.108	-.132	-.138	-.129	-.138	-.134	-.091	.500
.650	-.101	-.111	-.147	-.158	-.161	-.153	-.153	-.124	.650
.800	-.108	-.124	-.155	-.135	-.148	-.170	-.154	-.140	.800
.950	-.162	-.138	-.146	-.132	-.136	-.142	-.140	-.170	.950
Lower surface									
.011	.369	.455	.411	.351	.357				.011
.020						.337	.318		.020
.050		.359	.381	.362	.338	.318	.307	.309	.050
.100		.289	.329	.343	.324	.300	.292		.100
.150	.212	.247	.286	.310	.314	.283	.275	.248	.150
.200	.213	.217	.252	.279	.296		.260	.213	.200
.250	.196	.199	.222	.250	.271	.262	.246	.173	.250
.300	.177		.198	.218	.240	.248	.233	.174	.300
.350	.161	.159	.174	.192	.219	.236	.230	.132	.350
.400	.139	.140	.156	.173	.195	.217	.216	.111	.400
.450	.125	.126	.134	.154	.173	.204	.206	.093	.450
.500	.112	.111	.124	.134	.156	.187	.185	.080	.500
.650	.076	.078	.079	.091	.100	.132	.153	.044	.650
.800	.056	.042	.036	.042	.059	.080	.108	.010	.800
.950	.040	.023	.014	.021	.030	.044	.062	-.003	.950

TABLE IV

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^{\circ}$				$\beta = 0^{\circ}$				
	Upper surface								
.011	-.214	-.141	-.114	-.115	-.106				.011
.025							-.106		.025
.050	-.196	-.152	-.128	-.120	-.120	-.116	-.115	-.091	.050
.100	-.178	-.172	-.139	-.135	-.129	-.118	-.131	-.103	.100
.150	-.146	-.172	-.146	-.144		-.127	-.126	-.106	.150
.200	-.132	-.171	-.156	-.151	-.134	-.139	-.135	-.103	.200
.250	-.118	-.158			-.142	-.135	-.142		.250
.300	-.104	-.167	-.167			-.154	-.151	-.108	.300
.350	-.102	-.156	-.170	-.166	-.153	-.161	-.160	-.119	.350
.400	-.106	-.158	-.171	-.164	-.163	-.167	-.165	-.116	.400
.450	-.113	-.156	-.177	-.175	-.175	-.173	-.179	-.118	.450
.500	-.108	-.125	-.167	-.179	-.172	-.179	-.176	-.128	.500
.650	-.121	-.137	-.179	-.189		-.194	-.194	-.161	.650
.800	-.131	-.147	-.186	-.170	-.173	-.194	-.179	-.183	.800
.950	-.191	-.161	-.165	-.169	-.167	-.178	-.170	-.213	.950
	Lower surface								
.011	.449	.562	.566	.498	.486				.011
.020						.446	.422		.020
.050		.426	.462	.473	.465	.423	.403	.408	.050
.100		.353	.394	.418	.427	.410	.389		.100
.150	.273	.302	.350	.370	.390	.391	.373	.335	.150
.200	.267	.273	.305	.333	.361		.355	.293	.200
.250	.246	.256	.280	.302	.328	.345	.342	.246	.250
.300	.227		.252	.271	.299	.315	.329	.238	.300
.350	.207	.209	.227	.245	.265	.295	.317	.199	.350
.400	.180	.186	.203	.221	.246	.272	.298	.175	.400
.450	.164	.176	.183	.199	.221	.258	.279	.155	.450
.500	.153	.158	.169	.174	.202	.237	.256	.139	.500
.650	.116	.116	.120	.132	.142	.175	.208	.096	.650
.800	.090	.076	.082	.077	.097	.125	.155	.056	.800
.950	.074	.062	.046	.060	.067	.085	.109	.032	.950
	$\alpha = 10^{\circ}$				$\beta = 0^{\circ}$				
	Upper surface								
.011	-.250	-.196	-.169	-.161	-.145				.011
.025							-.136		.025
.050	-.229	-.205	-.183	-.168	-.161	-.156	-.146	-.124	.050
.100	-.211	-.217	-.188	-.180	-.172	-.162	-.161	-.140	.100
.150	-.178	-.220	-.199	-.185		-.168	-.162	-.135	.150
.200	-.156	-.210	-.205	-.191	-.180	-.179	-.167	-.132	.200
.250	-.146	-.199			-.186	-.180	-.175		.250
.300	-.133	-.200	-.210			-.185	-.180	-.136	.300
.350	-.127	-.197	-.209	-.206	-.196	-.191	-.187	-.141	.350
.400	-.130	-.203	-.207	-.210	-.203	-.198	-.193	-.147	.400
.450	-.134	-.185	-.210	-.215	-.212	-.204	-.201	-.151	.450
.500	-.132		-.206	-.219	-.215	-.210	-.200	-.165	.500
.650	-.140	-.162	-.212	-.207		-.223	-.219	-.198	.650
.800	-.151	-.173	-.217	-.200	-.207	-.210	-.207	-.220	.800
.950	-.173	-.191	-.199	-.201	-.203	-.205	-.201	-.233	.950
	Lower surface								
.011	.524	.646	.677	.631	.654				.011
.020						.624			.020
.050		.488	.529	.549	.568	.558			.050
.100		.402	.451	.481	.505	.509			.100
.150	.324	.360	.396	.423	.456	.469			.150
.200	.318	.317	.358	.386	.419				.200
.250	.293	.302	.325	.357	.381	.406			.250
.300	.269		.297	.318	.350	.374			.300
.350	.253	.251	.269	.295	.319	.346			.350
.400	.226	.232	.248	.267	.293	.321			.400
.450	.205	.215	.226	.251	.273				.450
.500	.192	.199	.211	.228	.248				.500
.650	.150	.153	.157	.174	.184				.650
.800	.127	.115	.114	.113	.138				.800
.950	.110	.096	.083	.093	.104				.950

[redacted]

TABLE IV

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY,

MIDWING CONFIGURATION - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 12^{o}$ $\beta = 0^{o}$									
Upper surface									
.011	-.260	-.228	-.196	-.183	-.172				.011
.025							-.157		.025
.050	-.232	-.234	-.208	-.194	-.180	-.172	-.166	-.152	.050
.100	-.218	-.228	-.213	-.197	-.187	-.183	-.177	-.165	.100
.150	-.195		-.220	-.204		-.190	-.182	-.162	.150
.200		-.223	-.227	-.209	-.200	-.191	-.190	-.157	.200
.250	-.158	-.221			-.208	-.203	-.196		.250
.300	-.149	-.216	-.225			-.206	-.201	-.159	.300
.350	-.144	-.214	-.222	-.218	-.215	-.212	-.208	-.165	.350
.400	-.146	-.214	-.222	-.229	-.222	-.216	-.214	-.177	.400
.450	-.143	-.190	-.215	-.231	-.220	-.221	-.214	-.185	.450
.500	-.144	-.168	-.223	-.231	-.232	-.227	-.221	-.195	.500
.650	-.149	-.176	-.222	-.212	-.219		-.238	-.222	.650
.800	-.164	-.187	-.223	-.215	-.220	-.218	-.231	-.250	.800
.950	-.208	-.203	-.208	-.213	-.216	-.223	-.226	-.244	.950
Lower surface									
.011	.581	.720	.772	.734	.780				.011
.020						.774	.759		.020
.050		.544	.596	.630	.655	.671	.690	.710	.050
.100		.456	.508	.543	.574	.596	.626		.100
.150	.373	.414	.450	.487	.518	.546	.571	.546	.150
.200	.364	.370	.409	.433	.472		.523	.469	.200
.250	.341	.352	.377	.407	.435	.468	.489	.413	.250
.300	.319		.346	.372	.399	.435	.465	.378	.300
.350	.299	.302	.318	.339	.372	.406	.435	.327	.350
.400	.271	.274	.296	.316	.341	.377	.414	.295	.400
.450	.254	.258	.275	.294	.310	.358	.391	.264	.450
.500	.241	.241	.256	.278	.292	.336	.360	.227	.500
.650	.194	.199	.199	.218	.229	.269	.296	.168	.650
.800	.178	.158	.161	.154	.178	.211	.241	.112	.800
.950	.159	.147	.129	.129	.145	.170	.180	.075	.950
$\alpha = 15^{o}$ $\beta = 0^{o}$									
Upper surface									
.011	-.201	-.224	-.215	-.176	-.209				.011
.025							-.208		.025
.050	-.187	-.225	-.214	-.196	-.172	-.168	-.199	-.196	.050
.100	-.175	-.196	-.216	-.176	-.180	-.194	-.186	-.186	.100
.150	-.184	-.219	-.224	-.184		-.199	-.201	-.189	.150
.200		-.220	-.230	-.190	-.210		-.208	-.184	.200
.250		-.227			-.218	-.210	-.215		.250
.300		-.199	-.227			-.220	-.219	-.186	.300
.350	-.151	-.208	-.227	-.203	-.218	-.226	-.225	-.177	.350
.400		-.197		-.237	-.224	-.232	-.232	-.187	.400
.450	-.138	-.201	-.207	-.231	-.201	-.237		-.208	.450
.500	-.161	-.205	-.227	-.230	-.230	-.239	-.233	-.216	.500
.650	-.157		-.209	-.206	-.203	-.234	-.244	-.216	.650
.800	-.187	-.214	-.203	-.233	-.225	-.199	-.235	-.258	.800
.950	-.177	-.215	-.194	-.225	-.222	-.232	-.232	-.225	.950
Lower surface									
.011	.558	.793	.875	.859	.921				.011
.020						.928	.923		.020
.050		.606	.682	.735	.772	.805	.836	.873	.050
.100		.519	.587	.639	.675	.714	.752		.100
.150	.409	.473	.523	.571	.608	.650	.688	.666	.150
.200	.442	.433	.484	.516	.558		.627	.576	.200
.250	.419	.421	.456	.487	.517	.559	.587	.511	.250
.300	.397		.422	.454	.481	.522	.562	.469	.300
.350	.373	.374	.395	.421	.452	.490	.519	.411	.350
.400	.345	.339	.356	.398	.419	.460	.496	.376	.400
.450	.330	.323	.340	.370	.392	.434	.469	.335	.450
.500	.312	.304	.316	.346	.370	.408	.439	.301	.500
.650	.260	.264	.262	.283	.294	.331	.371	.223	.650
.800	.246	.215	.222	.218	.241	.271	.304	.160	.800
.950	.223	.209	.194	.187	.199	.223	.239	.112	.950

[redacted]

TABLE V

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING CONFIGURATION

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	.069	.096	.102	.090	.076				.011
.025							.105		.025
.050	.032	.082	.078	.074	.065	.077	.090	.093	.050
.100	.032	.061	.065	.057	.052	.060	.077	.079	.100
.150	.025	.037	.048	.046		.046	.067	.058	.150
.200	.015	.019	.039	.038	.034	.032	.053	.043	.200
.250	.008	.012	.022	.030	.021	.020	.041		.250
.300	.004	-.001	.008			.009	.027	.018	.300
.350	.000	-.007	-.005	.013	.006	-.001	.011	.008	.350
.400	-.012	-.018	-.018	-.004	-.005	-.011	-.004	-.001	.400
.450	-.015	-.027	-.027	-.017	-.013	-.021	-.014	-.006	.450
.500	-.025	-.031		-.027	-.019	-.028	-.024	-.011	.500
.650	-.045	-.051	-.056	-.057	-.046	-.053	-.052	-.027	.650
.800	-.054	-.069	-.073	-.082	-.078	-.077	-.079	-.046	.800
.950	-.065	-.070	-.056	-.063	-.071	-.067	-.067	-.057	.950
Lower surface									
.011	.082	.120	.122	.101	.114				.011
.020						.133	.127		.020
.050		.105	.101	.106	.098	.108	.120	.110	.050
.100		.085	.091	.091	.084	.085	.110		.100
.150	.042	.060	.079	.079	.072	.070	.095	.078	.150
.200	.043	.043	.067	.067	.062		.077	.055	.200
.250	.036	.037	.052	.060	.050	.047	.064	.036	.250
.300	.027		.036	.050	.043	.035	.051	.043	.300
.350	.019	.012	.019	.035	.033	.026	.034	.013	.350
.400	.003	.003	.006	.022	.022	.016	.020	.003	.400
.450	.002	-.003	-.006	.008	.013	.003	.008	-.002	.450
.500	-.006	-.013	-.014	-.005		-.006	-.008	-.012	.500
.650	-.027	-.034	-.038	-.036	-.033	-.034	-.038	-.028	.650
.800	-.041	-.057	-.064	-.070	-.063	-.060	-.064	-.044	.800
.950	-.059	-.071	-.069	-.073	-.079	-.077	-.079	-.055	.950
	$\alpha = 2^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.008	.027	.038	.034	.023				.011
.025							.053		.025
.050	-.013	.013	.019	.015	.020	.034	.038	.046	.050
.100	-.012	.002	.006	.007	.009	.011	.030	.031	.100
.150	-.025	-.020	-.007	-.004		-.002	.020	.013	.150
.200	-.023	-.030	-.018	-.011	-.012	-.008	.011	.007	.200
.250	-.027	-.037	-.025	-.019	-.020	-.023	-.004		.250
.300	-.034	-.036	-.039			-.036	-.013	-.008	.300
.350	-.033	-.046	-.050	-.036	-.034	-.044	-.026	-.014	.350
.400	-.044	-.055	-.060	-.051	-.044	-.053	-.039	-.020	.400
.450	-.037	-.059	-.058	-.060	-.046	-.062	-.044	-.028	.450
.500	-.056	-.065	-.072	-.072	-.060	-.070	-.060	-.034	.500
.650	-.068	-.075	-.085	-.089	-.077	-.089	-.089	-.047	.650
.800	-.076	-.096	-.101	-.113	-.111	-.103	-.114	-.064	.800
.950	-.089	-.095	-.082	-.084	-.085	-.089	-.089	-.065	.950
Lower surface									
.011	.146	.190	.181	.157	.168				.011
.020						.185	.181		.020
.050		.183	.167	.161	.148	.153	.180	.168	.050
.100		.143	.159	.147	.136	.136	.167		.100
.150	.085	.118	.143	.132	.122	.120	.152	.132	.150
.200	.084	.093	.120	.125	.113		.122	.094	.200
.250	.066	.079	.103	.107	.105	.087	.104	.078	.250
.300	.062		.083	.097	.096	.083	.093	.073	.300
.350	.045	.044	.062	.075	.087	.071	.068	.042	.350
.400	.029	.037	.038	.061	.075	.062	.057	.033	.400
.450	.030	.022	.030	.037	.052	.052	.044	.020	.450
.500	.022	.010	.013	.029	.034	.045	.036	.006	.500
.650	-.007	-.009	-.019	-.013	.000	.010	-.001	-.021	.650
.800	-.019	-.040	-.048	-.043	-.040	-.022	-.022	-.045	.800
.950	-.036	-.050	-.063	-.066	-.064	-.049	-.043	-.062	.950

TABLE V

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	α = 4°				β = 0°				
Upper surface									
.011	-.074	-.033	.011	-.005	-.015				.011
.025							.008		.025
.050	-.061	-.046	-.032	-.026	-.015	.000	-.006	.005	.050
.100	-.058	-.053	-.044	-.031	-.027	-.025	-.014	-.012	.100
.150	-.072	-.072	-.056	-.040		-.037	-.023	-.024	.150
.200	-.061	-.083	-.065	-.047	-.049	-.039	-.031	-.026	.200
.250	-.063	-.082	-.072	-.056	-.056	-.056	-.043		.250
.300	-.069		-.082			-.075	-.051	-.033	.300
.350	-.063	-.084	-.091	-.070	-.071	-.083	-.063	-.033	.350
.400	-.072	-.085	-.103	-.087	-.080	-.090		-.040	.400
.450	-.062	-.089	-.093	-.095	-.076	-.102	-.072	-.050	.450
.500	-.077	-.098	-.102	-.103	-.094	-.107	-.090	-.055	.500
.650	-.084	-.097	-.106	-.113	-.106	-.123	-.115	-.063	.650
.800	-.098	-.115	-.116	-.126	-.127	-.131	-.140	-.081	.800
.950	-.108	-.126	-.101	-.106	-.108	-.120	-.113	-.091	.950
Lower surface									
.011	.252	.288	.270	.235	.243				.011
.020						.260	.256		.020
.050		.265	.252	.238	.222	.224	.252	.243	.050
.100		.210	.241	.228	.211	.203	.238		.100
.150	.138	.179	.210	.214	.196	.187	.219	.201	.150
.200	.141	.149	.177	.198	.186		.184	.154	.200
.250	.121	.133	.156	.175	.181	.156	.165	.133	.250
.300	.110		.133	.156	.168	.147	.153	.124	.300
.350	.092	.097	.111	.128	.149	.138	.124	.086	.350
.400	.076	.082	.083	.111	.131	.127	.114	.075	.400
.450	.072	.065	.078	.089	.105	.119	.103	.060	.450
.500	.063	.051	.054	.077		.110	.095	.039	.500
.650	.026	.027	.020	.033	.046	.063	.058	.001	.650
.800	.012	-.006	-.011	-.004	.002	.023	.034	-.032	.800
.950	-.005	-.020	-.033	-.032	-.028	-.006	.009	-.054	.950
	α = 6°				β = 0°				
Upper surface									
.011	-.131	-.089	-.040	-.052	-.057				.011
.025							-.036		.025
.050	-.120	-.101	-.082	-.070	-.058	-.043	-.046	-.049	.050
.100	-.110	-.106	-.096	-.071	-.068	-.069	-.055	-.058	.100
.150		-.126	-.106	-.084		-.078	-.066	-.066	.150
.200	-.099	-.132	-.113	-.090	-.091	-.080	-.075	-.062	.200
.250	-.095	-.128	-.118	-.097	-.100	-.100	-.081		.250
.300	-.096		-.127			-.115	-.089	-.066	.300
.350	-.088	-.123	-.137	-.109	-.112	-.122	-.100	-.065	.350
.400	-.094	-.122	-.145	-.128	-.120	-.129	-.110	-.070	.400
.450	-.084	-.125	-.132	-.133	-.118	-.138	-.108	-.080	.450
.500	-.095	-.140	-.138	-.140	-.133	-.146	-.127	-.080	.500
.650	-.106	-.116	-.135	-.147	-.141	-.160	-.152	-.094	.650
.800	-.119	-.137	-.144	-.141	-.151	-.154	-.172	-.122	.800
.950	-.127	-.147	-.134	-.135	-.141	-.147	-.152	-.134	.950
Lower surface									
.011	.347	.417	.371	.319	.324				.011
.020						.340	.341		.020
.050		.335	.354	.328	.302	.298	.333	.322	.050
.100		.271	.312	.317	.293	.274	.314		.100
.150	.193	.232	.270	.288	.281	.258	.287	.269	.150
.200	.196	.202	.237	.259	.266		.251	.218	.200
.250	.168	.181	.209	.231	.249	.234	.231	.190	.250
.300	.160		.185	.206	.225	.227	.217	.174	.300
.350	.139	.144	.164	.176	.200	.216	.190	.133	.350
.400	.119	.127	.137	.158	.173	.199	.182	.118	.400
.450	.111	.106	.126	.134	.172	.182	.169	.095	.450
.500	.102	.095	.102	.119		.167	.164	.071	.500
.650	.058	.068	.062	.072	.088	.111	.123	.026	.650
.800	.041	.027	.028	.029	.042	.065	.088	-.008	.800
.950	.027	.013	.000	-.008	.008	.029	.051	-.033	.950

TABLE V

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	α = 8°				β = 0°				
Upper surface									
.011	-.165	-.126	-.070	-.082	-.085				.011
.025							-.063		.025
.050	-.152	-.136	-.116	-.103	-.082	-.071	-.073	-.075	.050
.100	-.143	-.136	-.124	-.101	-.096	-.094	-.079	-.082	.100
.150		-.155	-.134	-.110		-.105	-.091	-.085	.150
.200	-.118	-.158	-.141	-.117	-.117	-.103	-.100	-.076	.200
.250	-.111	-.152	-.148	-.124	-.126	-.126	-.108		.250
.300	-.107	-.135	-.154			-.134	-.113	-.082	.300
.350	-.100	-.147	-.160	-.134	-.134	-.141	-.124	-.078	.350
.400	-.100	-.145	-.166	-.152	-.142	-.150	-.133	-.082	.400
.450	-.094	-.147	-.155	-.156	-.140	-.156	-.129	-.090	.450
.500	-.104	-.156	-.155	-.161	-.158	-.162	-.147	-.101	.500
.650	-.111		-.152	-.160	-.165	-.178	-.167	-.117	.650
.800	-.127	-.141	-.158	-.154	-.162	-.165	-.185	-.146	.800
.950	-.135	-.154	-.146	-.150	-.159	-.165	-.165	-.156	.950
Lower surface									
.011	.444	.538	.533	.464	.445				.011
.020						.443	.459		.020
.050		.410	.445	.451	.429	.399	.439	.435	.050
.100		.340	.381	.403	.408	.379	.404		.100
.150	.262	.297	.336	.355	.369	.371	.379	.364	.150
.200	.259	.263	.296	.324	.344		.343	.304	.200
.250	.234	.245	.273	.290	.317	.329	.325	.266	.250
.300	.216		.241	.265	.284	.310	.316	.244	.300
.350	.196	.199	.218	.233	.261	.270	.286	.198	.350
.400	.171	.181	.192	.214	.233	.262	.276	.178	.400
.450	.160	.161	.176	.189	.207	.244	.259	.154	.450
.500	.150	.147	.157	.175		.225	.244	.127	.500
.650	.104	.119	.112	.117	.139	.164	.191	.078	.650
.800	.090	.071	.078	.076	.075	.114	.146	.041	.800
.950	.071	.061	.041	.028	.057	.079	.101	.006	.950
	α = 10°				β = 0°				
Upper surface									
.011	-.211	-.171	-.108	-.116	-.120				.011
.025							-.101		.025
.050	-.198	-.183	-.160	-.143	-.120	-.107	-.111	-.109	.050
.100	-.190	-.181	-.171	-.138	-.127	-.126	-.119	-.119	.100
.150		-.197	-.176	-.146		-.141	-.127	-.119	.150
.200	-.148	-.196	-.183	-.152	-.151	-.139	-.134	-.113	.200
.250	-.133	-.190	-.185	-.155	-.158	-.155	-.141		.250
.300	-.130	-.173	-.191			-.166	-.148	-.117	.300
.350	-.126	-.184	-.194	-.165	-.170	-.173	-.160		.350
.400	-.128	-.185	-.197	-.186	-.174	-.181	-.165	-.117	.400
.450	-.117	-.190	-.183	-.189	-.170	-.187	-.159	-.130	.450
.500	-.126	-.192	-.184	-.192	-.187	-.193	-.178	-.141	.500
.650	-.133		-.180	-.181	-.187	-.208	-.198	-.154	.650
.800	-.152	-.166	-.185	-.180	-.189	-.191	-.212	-.186	.800
.950	-.157	-.178	-.173	-.181	-.184	-.196	-.191	-.192	.950
Lower surface									
.011	.519	.624	.651	.604	.625				.011
.020						.611	.611		.020
.050		.469	.514	.538	.545	.542	.570	.580	.050
.100		.391	.440	.470	.490	.498	.527		.100
.150	.317	.348	.387	.414	.442	.463	.486	.464	.150
.200	.309	.309	.345	.373	.402		.439	.384	.200
.250	.279	.293	.320	.344	.369	.391	.412	.343	.250
.300	.258		.289	.311	.341	.367	.395	.313	.300
.350	.240	.241	.264	.280	.313	.342	.359	.262	.350
.400	.215	.222	.234	.260	.286	.316	.343	.241	.400
.450	.201	.202	.220	.236	.257	.296	.324	.210	.450
.500	.188	.190	.198	.219		.278	.299	.180	.500
.650	.138	.152	.150	.168	.178	.210	.238	.121	.650
.800	.127	.101	.111	.113	.121	.157	.187	.073	.800
.950	.111	.097	.078	.083	.094	.119	.138	.034	.950

TABLE V

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 12^\circ$				$\beta = 0^\circ$				
	Upper surface								
.011	-.243	-.212	-.136	-.150	-.152				.011
.025							-.138		.025
.050	-.234	-.221	-.193	-.171	-.150	-.138	-.145	-.140	.050
.100	-.224	-.214	-.206	-.169	-.161	-.161	-.151	-.150	.100
.150	-.220	-.231	-.211	-.178		-.166	-.160	-.150	.150
.200	-.164	-.223	-.215	-.187	-.182	-.164	-.169	-.144	.200
.250	-.151	-.218	-.216	-.187	-.190	-.179	-.173		.250
.300	-.150	-.203	-.220			-.197	-.180	-.145	.300
.350	-.144	-.214	-.217	-.198	-.199	-.202	-.185	-.140	.350
.400	-.142	-.212	-.218	-.215	-.209	-.210		-.150	.400
.450	-.135	-.214	-.206	-.220	-.197	-.215	-.187	-.164	.450
.500	-.144	-.215	-.212	-.220	-.215	-.220	-.204	-.171	.500
.650	-.146		-.206	-.202	-.212	-.231	-.225	-.187	.650
.800	-.166	-.183	-.210	-.209	-.206	-.212	-.230	-.223	.800
.950	-.174	-.192	-.204	-.209	-.209	-.220	-.216	-.218	.950
	Lower surface								
.011	.555	.701	.753	.716	.761				.011
.020						.767	.772		.020
.050		.532	.583	.614	.640	.662	.701	.725	.050
.100		.448	.497	.535	.563	.593	.628		.100
.150	.367	.405	.441	.473	.507	.542	.576	.555	.150
.200	.362	.358	.400	.430	.465		.520	.469	.200
.250	.333	.343	.371	.397	.430	.460	.485	.413	.250
.300	.309		.341	.367	.392	.430	.465	.381	.300
.350	.288	.291	.311	.332	.367	.402	.425	.327	.350
.400	.259	.269	.284	.313	.339	.372	.406	.297	.400
.450	.244	.250	.263	.286	.307	.349	.381	.264	.450
.500	.230	.234	.245	.269		.327	.357	.230	.500
.650	.181	.193	.191	.211	.225	.257	.290	.161	.650
.800	.173	.146	.154	.152	.160	.204	.236	.107	.800
.950	.154	.140	.117	.121	.138	.163	.177	.067	.950
	$\alpha = 15^\circ$				$\beta = 0^\circ$				
	Upper surface								
.011	-.270	-.251	-.180	-.199	-.209				.011
.025							-.207		.025
.050	-.258	-.249	-.224	-.205	-.190	-.184	-.191	-.193	.050
.100	-.222	-.242	-.232	-.205	-.198	-.195	-.187	-.184	.100
.150	-.199	-.249	-.239	-.212		-.204	-.195	-.180	.150
.200	-.182	-.245	-.246	-.218	-.216	-.198	-.203	-.172	.200
.250	-.171	-.243	-.246	-.219	-.222	-.214	-.207		.250
.300	-.171	-.233	-.246			-.229	-.213	-.174	.300
.350	-.163	-.226	-.246	-.227	-.232	-.232	-.220	-.175	.350
.400	-.165	-.204	-.245	-.244	-.238	-.237	-.226	-.186	.400
.450	-.156	-.201	-.235	-.244	-.230	-.242	-.218	-.199	.450
.500	-.163	-.237	-.238	-.238	-.248	-.244	-.231	-.209	.500
.650	-.168	-.199	-.232	-.224	-.232	-.256	-.245	-.224	.650
.800	-.185	-.216	-.233	-.232	-.243	-.236	-.248	-.255	.800
.950	-.187	-.218	-.210	-.233	-.231	-.245	-.236	-.236	.950
	Lower surface								
.011	.552	.794	.876	.857	.921				.011
.020						.938	.947		.020
.050		.612	.683	.733	.776	.810	.862	.897	.050
.100		.523	.591	.639	.677	.718	.773		.100
.150	.421	.481	.534	.571	.612	.655	.706	.690	.150
.200	.437	.439	.488	.523	.566		.646	.599	.200
.250	.418	.424	.460	.489	.523	.566	.606	.533	.250
.300	.393		.428	.457	.485	.524	.577	.494	.300
.350	.375	.381	.399	.416	.456	.501	.543	.434	.350
.400	.344	.351	.365	.399	.425	.466	.515	.395	.400
.450	.330	.332	.346		.396	.444	.486	.357	.450
.500	.315	.316	.327	.351	.374	.422	.453	.320	.500
.650	.258	.265	.269	.290	.304	.345	.388	.241	.650
.800	.248	.220	.226	.223	.238	.287	.322	.177	.800
.950	.230	.213	.195	.193	.210	.235	.252	.133	.950

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TABLE VI

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY,

MIDWING CONFIGURATION

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	.036	.126	.123	.113	.114				.011
.025							.101		.025
.050	-.004	.090	.102	.103	.094	.082	.085	.085	.050
.100	.000	.033	.088	.077	.077	.083	.066	.073	.100
.150	.002	.018	.062	.068		.072	.065	.057	.150
.200	-.014	.000	.031	.058	.069	.057	.053	.040	.200
.250	-.015	-.007		.044	.058	.051	.041		.250
.300	-.012	-.025	-.001			.033	.033	.013	.300
.350	-.014	-.023	-.013	.008	.036	.025	.018	.000	.350
.400	-.026	-.033	-.031	-.005	.019	.015	.007	-.007	.400
.450	-.036	-.040	-.051	-.020	.000	.002	-.009	-.009	.450
.500	-.033	-.040	-.041	-.032	-.008	-.002	-.004	-.017	.500
.650	-.058	-.066	-.072	-.075	-.056	-.031	-.032	-.040	.650
.800	-.062	-.081	-.089	-.085	-.091	-.081	-.065	-.050	.800
.950	-.104	-.095	-.091	-.075	-.079	-.076	-.052	-.057	.950
Lower surface									
.011	.063	.162	.169	.136	.153				.011
.020						.147	.140		.020
.050		.120	.139	.139	.135	.133	.126	.115	.050
.100		.071	.120	.122	.115	.115	.114		.100
.150	.029	.049	.094	.106	.108	.103	.100	.089	.150
.200	.031	.033	.070	.090	.099		.092	.073	.200
.250	.030	.027	.047	.080	.083	.078	.082	.044	.250
.300	.017		.029	.050	.070	.068	.070	.061	.300
.350	.015	.003	.014	.037	.056	.048	.070	.026	.350
.400	.003	-.006	.006	.015	.038	.041	.055	.014	.400
.450	-.003	-.003	-.007	.006	.027	.036	.044	.005	.450
.500	-.008	-.013	-.006	-.012	.014	.024	.026	.002	.500
.650	-.024	-.037	-.035	-.036	-.034	-.005	.002	-.019	.650
.800	-.043	-.054	-.069	-.072	-.064	-.037	-.030	-.035	.800
.950	-.064	-.073	-.078	-.073	-.078	-.066	-.051	-.037	.950
	$\alpha = 2^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.050	.053	.064	.050	.057				.011
.025							.050		.025
.050	-.063	.030	.044	.043	.038	.024	.036	.039	.050
.100	-.055	-.031	.030	.018	.019	.028	.015	.025	.100
.150	-.047	-.043	.007	.007		.017	.015	.012	.150
.200	-.063	-.052	-.014	-.002	.013	.000	.005	.002	.200
.250	-.060	-.052		-.017	.002	.002	-.005		.250
.300	-.051	-.070	-.052			-.013	-.014	-.013	.300
.350	-.046	-.060	-.060	-.039	-.019	-.023	-.026	-.024	.350
.400	-.053	-.068	-.071	-.051	-.032	-.032	-.037	-.028	.400
.450	-.064	-.072	-.089	-.069	-.049	-.040	-.055	-.031	.450
.500	-.060	-.072	-.085	-.082	-.049	-.047	-.049	-.036	.500
.650	-.082	-.090	-.109	-.119	-.097	-.073	-.071	-.057	.650
.800	-.081	-.098	-.124	-.127	-.123	-.114	-.097	-.066	.800
.950	-.124	-.111	-.119	-.100	-.101	-.083	-.068	-.078	.950
Lower surface									
.011	.128	.250	.243	.205	.218				.011
.020						.210	.204		.020
.050		.191	.212	.208	.198	.196	.190	.182	.050
.100		.135	.188	.187	.180	.175	.180		.100
.150	.078	.110	.154	.173	.173	.161	.164	.142	.150
.200	.078	.085	.122	.154	.163		.153	.124	.200
.250	.077	.078	.099	.133	.147	.140	.142	.089	.250
.300	.061		.079	.104	.128	.131	.127	.101	.300
.350	.055	.051	.058	.083	.107	.107	.131	.065	.350
.400	.042	.038	.051	.061	.086	.097	.112	.047	.400
.450	.035	.035	.033	.050	.072	.098	.100	.035	.450
.500	.026	.021	.033	.033	.057	.086	.082	.028	.500
.650	.006	-.006	-.007	.005	.007	.044	.057	.002	.650
.800	-.014	-.023	-.037	-.037	-.023	.002	.023	-.024	.800
.950	-.033	-.047	-.054	-.055	-.049	-.033	-.007	-.033	.950

TABLE VI

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 4^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	-.114	-.012	.004	-.001	.008				.011
.025							-.001		.025
.050	-.116	-.030	-.014	-.011	-.011	-.021	-.011	-.001	.050
.100	-.105	-.082	-.027	-.032	-.030	-.018	-.030	-.015	.100
.150	-.094		-.046	-.044		-.030	-.027	-.026	.150
.200	-.103	-.104	-.063	-.052	-.034	-.043	-.038	-.026	.200
.250	-.097	-.101		-.058	-.046	-.041	-.047		.250
.300	-.084	-.113	-.100			-.053	-.055	-.037	.300
.350	-.079	-.102	-.110	-.078	-.065	-.062	-.068	-.044	.350
.400	-.084	-.105	-.121	-.085	-.077	-.071	-.077	-.047	.400
.450	-.092	-.105	-.136	-.101	-.091	-.081	-.091	-.049	.450
.500	-.086	-.105	-.124	-.115	-.091	-.089	-.084	-.053	.500
.650	-.101	-.117	-.140	-.152	-.129	-.113	-.107	-.077	.650
.800	-.100	-.124	-.153	-.150	-.159	-.148	-.126	-.086	.800
.950	-.142	-.136	-.141	-.127	-.134	-.113	-.096	-.115	.950
Lower surface									
.011	.214	.349	.335	.290	.301				.011
.020						.287	.275		.020
.050		.266	.300	.293	.280	.273	.260	.248	.050
.100		.204	.260	.274	.262	.252	.247		.100
.150	.133	.169	.217	.245	.253	.235	.232	.209	.150
.200	.135	.141	.185	.215	.239		.222	.180	.200
.250	.124	.129	.161	.188	.215	.212	.208	.141	.250
.300	.110		.136	.161	.187	.203	.194	.148	.300
.350	.101	.101	.118	.138	.164	.180	.194	.110	.350
.400	.086	.085	.103	.114	.140	.168	.175	.086	.400
.450	.075	.076	.085	.101	.124	.157	.166	.073	.450
.500	.063	.064	.080	.079	.107	.140	.142	.063	.500
.650	.037	.036	.038	.047	.054	.086	.117	.028	.650
.800	.017	.013	.005	.003	.015	.047	.075	-.002	.800
.950	.002	-.013	-.017	-.014	-.009	.007	.035	-.017	.950
$\alpha = 6^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	-.169	-.064	-.045	-.044	-.027				.011
.025							-.033		.025
.050	-.167	-.082	-.059	-.052	-.047	-.056	-.044	-.040	.050
.100	-.154	-.122	-.077	-.072	-.063	-.056	-.060	-.053	.100
.150	-.136	-.135	-.089	-.081		-.064	-.060	-.058	.150
.200	-.139	-.147	-.104	-.090	-.072	-.076	-.071	-.054	.200
.250	-.128	-.144		-.098	-.082	-.076	-.081		.250
.300	-.112	-.150	-.131			-.085	-.085	-.060	.300
.350	-.104	-.140	-.144	-.111	-.101	-.095	-.097	-.069	.350
.400	-.103	-.140	-.157	-.117	-.110	-.103	-.105		.400
.450	-.108	-.139	-.169	-.130	-.120	-.112	-.121	-.073	.450
.500	-.101	-.136	-.159	-.141	-.126	-.118	-.117	-.073	.500
.650	-.114	-.134	-.165	-.178	-.156	-.139	-.134	-.099	.650
.800	-.120	-.139	-.175	-.168	-.176	-.168	-.149	-.122	.800
.950	-.157	-.152	-.162	-.155	-.155	-.133	-.124	-.148	.950
Lower surface									
.011	.301	.451	.452	.389	.391				.011
.020						.375	.356		.020
.050		.334	.386	.393	.375	.351	.340	.333	.050
.100		.267	.323	.351	.356	.332	.329		.100
.150	.190	.230	.276	.305	.331	.317	.311	.281	.150
.200	.191	.199	.241	.271	.303		.295	.243	.200
.250	.176	.184	.211	.241	.271	.291	.280	.200	.250
.300	.158		.188	.211	.242		.270	.200	.300
.350	.146	.146	.162	.184	.219	.249	.263	.162	.350
.400	.126	.128	.144	.162	.195	.225	.247	.135	.400
.450	.117	.118	.127	.147	.171	.214	.233	.121	.450
.500	.104	.106	.115	.126	.151	.196	.210	.105	.500
.650	.070	.073	.075	.084	.096	.137	.169	.065	.650
.800	.050	.036	.038	.042	.056	.086	.114	.033	.800
.950	.034	.020	.009	.016	.026	.049	.072	.012	.950

TABLE VI

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^{0}$				$\beta = 0^{0}$				
	Upper surface								
.011	-.224	-.123	-.096	-.089	-.072				.011
.025							-.079		.025
.050	-.214	-.136	-.113	-.096	-.089	-.095	-.090	-.082	.050
.100	-.207	-.167	-.123	-.114	-.103	-.096	-.107	-.095	.100
.150	-.188	-.181	-.135	-.126		-.103	-.107	-.094	.150
.200	-.179	-.193	-.153	-.133	-.113	-.116	-.115	-.088	.200
.250	-.164	-.190		-.141	-.122	-.121	-.123		.250
.300	-.143	-.191	-.169			-.128	-.129	-.094	.300
.350	-.129	-.179	-.180	-.154	-.140	-.134	-.134	-.098	.350
.400	-.129	-.180	-.192	-.159	-.147	-.142	-.143	-.100	.400
.450	-.129	-.179	-.203	-.169	-.160	-.150	-.158	-.100	.450
.500	-.126	-.179	-.193	-.177	-.160	-.159	-.155	-.111	.500
.650	-.141		-.196	-.207	-.188	-.177	-.172	-.143	.650
.800	-.141	-.161	-.203	-.191	-.204	-.197	-.172	-.168	.800
.950	-.184	-.172	-.193	-.186	-.184	-.168	-.159	-.196	.950
	Lower surface								
.011	.385	.549	.583	.535	.541				.011
.020						.502	.459		.020
.050		.405	.462	.485	.487	.470	.447	.431	.050
.100		.330	.387	.417	.438	.441	.435		.100
.150	.248	.288	.336	.364	.392	.412	.417	.367	.150
.200	.252	.256	.293	.324	.359		.387	.318	.200
.250	.231	.238	.268	.291	.322	.353	.363	.279	.250
.300	.206		.241	.263	.291	.312	.349	.267	.300
.350	.192	.198	.215	.233	.263	.298	.329	.223	.350
.400	.170	.175	.192	.206	.233	.273	.307	.202	.400
.450	.156	.163	.174	.187	.215	.260	.290	.176	.450
.500	.145	.147	.161	.169	.196	.239	.263	.156	.500
.650	.103	.108	.113	.125	.134	.175	.210	.104	.650
.800	.084	.071	.072	.071	.087	.122	.157	.059	.800
.950	.073	.061	.040	.049	.063	.083	.111	.028	.950
	$\alpha = 10^{0}$				$\beta = 0^{0}$				
	Upper surface								
.011	-.257	-.166	-.133	-.127	-.110				.011
.025							-.109		.025
.050	-.251	-.180	-.146	-.133	-.127	-.128	-.118	-.107	.050
.100	-.240	-.201	-.159	-.148	-.139	-.134	-.133		.100
.150	-.225	-.216	-.168	-.158		-.139	-.133	-.114	.150
.200	-.206	-.222	-.180	-.166	-.148	-.152	-.141	-.109	.200
.250	-.176	-.219		-.176	-.156	-.152	-.148		.250
.300	-.156	-.213	-.193			-.156	-.153	-.116	.300
.350	-.145	-.203	-.204	-.187	-.171	-.163	-.162	-.122	.350
.400	-.142	-.206	-.212	-.191	-.180	-.171	-.171	-.122	.400
.450	-.141	-.206	-.218	-.197	-.193	-.178	-.180	-.129	.450
.500	-.135	-.205	-.213	-.205	-.192	-.185	-.180	-.142	.500
.650	-.149	-.168	-.213	-.219	-.214	-.200	-.197	-.173	.650
.800	-.159	-.171	-.217	-.205	-.220	-.214	-.190	-.197	.800
.950	-.203	-.182	-.225	-.200	-.203	-.193	-.180	-.214	.950
	Lower surface								
.011	.476	.640	.692	.656	.695				.011
.020						.674	.646		.020
.050		.474	.530	.570	.590	.594	.597	.590	.050
.100		.390	.450	.488	.517	.533	.549		.100
.150	.309	.346	.394	.430	.464	.488	.508	.480	.150
.200	.308	.310	.351	.387	.423		.465	.413	.200
.250	.280	.295	.320	.351	.383	.417	.438	.358	.250
.300	.259		.290	.323	.351	.382	.415	.337	.300
.350	.244	.254	.267	.289	.322	.358	.389	.284	.350
.400	.219	.227	.242	.266	.294	.329	.365	.258	.400
.450	.204	.213	.221	.247	.269	.310	.344	.228	.450
.500	.189	.196	.207	.226	.244	.287	.317	.202	.500
.650	.143	.154	.154	.177	.181	.221	.258	.136	.650
.800	.124	.114	.115	.110	.133	.169	.200	.082	.800
.950	.112	.098	.079	.091	.100	.124	.145	.051	.950

[redacted]

TABLE VI

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY,

MIDWING CONFIGURATION - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 12^{\circ}$			$\beta = 0^{\circ}$					
Upper surface									
.011	-.266	-.206	-.174	-.160	-.143				.011
.025							-.133		.025
.050	-.258	-.214	-.180	-.159	-.153	-.148	-.140	-.127	.050
.100	-.254	-.227	-.194	-.173	-.162	-.153	-.154	-.138	.100
.150	-.243	-.234	-.202	-.180		-.160	-.154	-.135	.150
.200	-.214		-.213	-.188	-.176	-.167	-.163	-.129	.200
.250	-.185	-.230	-.214	-.193	-.181	-.172	-.170		.250
.300	-.166	-.220	-.220			-.180	-.176	-.131	.300
.350	-.154	-.220	-.225	-.205	-.195	-.189	-.183	-.138	.350
.400	-.155	-.221	-.231	-.212	-.201	-.196	-.191	-.149	.400
.450	-.151	-.220	-.227	-.219	-.209	-.201	-.199	-.156	.450
.500	-.147	-.220	-.222	-.224	-.213	-.208	-.199	-.166	.500
.650	-.156	-.200	-.219	-.219	-.227	-.220	-.215	-.196	.650
.800	-.163	-.185	-.224	-.214	-.219	-.227	-.206	-.221	.800
.950	-.189	-.196	-.233	-.214	-.208	-.213	-.200	-.221	.950
Lower surface									
.011	.547	.722	.786	.751	.811				.011
.020						.813	.801		.020
.050		.540	.607	.646	.682	.706	.726	.745	.050
.100		.451	.512	.558	.594	.619	.657		.100
.150	.368	.407	.459	.494	.538		.603	.579	.150
.200	.361	.368	.414	.451	.491		.547	.498	.200
.250	.335	.352	.380	.412	.451	.485	.512	.438	.250
.300	.312		.349	.378	.413	.455	.490	.407	.300
.350	.297	.307	.326	.348	.387	.421	.461	.352	.350
.400	.268	.277	.292	.322	.356	.393	.433	.317	.400
.450	.254	.257	.276	.300	.333	.373	.404	.281	.450
.500	.240	.246	.261	.283	.306	.352	.378	.258	.500
.650	.203	.210	.210	.226	.239	.281	.314	.182	.650
.800	.183	.161	.165	.162	.186	.226	.251	.129	.800
.950	.165	.150	.130	.139	.153	.182	.198	.091	.950
	$\alpha = 15^{\circ}$			$\beta = 0^{\circ}$					
Upper surface									
.011	-.262	-.252	-.231	-.204	-.202				.011
.025							-.206		.025
.050	-.258	-.251	-.224	-.204	-.182	-.178	-.188	-.191	.050
.100	-.257	-.243	-.228	-.199	-.188	-.183	-.183	-.181	.100
.150	-.245	-.260	-.238	-.206		-.189	-.188	-.175	.150
.200	-.212	-.253	-.244	-.211	-.206	-.187	-.195	-.165	.200
.250	-.202	-.250	-.250	-.218	-.213	-.201	-.201		.250
.300	-.199		-.251			-.215	-.207	-.167	.300
.350	-.191	-.241	-.250	-.227	-.218	-.221	-.215	-.174	.350
.400	-.186	-.245	-.246	-.243	-.225	-.226	-.221	-.183	.400
.450	-.176	-.240	-.236	-.244	-.220	-.233	-.215	-.195	.450
.500	-.173	-.236	-.237	-.239	-.234	-.237	-.228	-.206	.500
.650	-.176	-.226	-.232	-.226	-.226	-.250	-.241	-.226	.650
.800	-.191	-.230	-.234	-.232	-.230	-.228	-.238	-.254	.800
.950	-.199	-.223	-.241	-.227	-.223	-.238	-.231	-.231	.950
Lower surface									
.011	.558	.797	.896	.877	.942				.011
.020						.951	.950		.020
.050		.614	.699	.751	.797	.827	.863	.899	.050
.100		.525	.601	.642	.692	.734	.772		.100
.150	.426	.481	.539	.578	.627	.672	.713	.691	.150
.200	.434	.436	.490	.528	.576		.646	.603	.200
.250	.411	.423	.461	.494	.528	.579	.611	.530	.250
.300	.388		.431	.461	.488	.542	.583	.495	.300
.350	.372	.378	.399	.430	.457	.507	.544	.432	.350
.400	.340	.348	.359	.406	.431	.472	.516	.395	.400
.450	.327	.330	.348	.377	.406	.448	.488	.355	.450
.500	.314	.311	.326	.353	.378	.427	.458	.318	.500
.650	.262	.268	.269	.292	.304	.346	.390	.241	.650
.800	.247	.218	.227	.212	.247	.285	.319	.175	.800
.950	.232	.214	.196	.197	.205	.234	.253	.132	.950

[redacted]

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD CONFIGURATION

(a) $\delta_c = 0^\circ$.

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	.078	.116	.094	.097	.086				.011
.025							.075		.025
.050	.063	.104	.092	.083	.079	.072	.060	.077	.050
.100	.050	.069	.076	.065	.063	.060	.046	.065	.100
.150	.037	.052	.062	.057		.056	.043	.046	.150
.200	.026	.030	.045	.045	.049	.047	.036	.032	.200
.250	.021	.019	.033	.038	.040	.034	.027		.250
.300	.017	.009	.018		.036	.025	.015	.004	.300
.350	.013	.000	.007	.021	.020	.011	.005	-.004	.350
.400	.002	-.007	-.007	.005	.012	.001	-.002	-.014	.400
.450	-.002	-.014	-.024	-.007	.001	-.008	-.008	-.020	.450
.500	-.012	-.021	-.028	-.019	-.007	-.015	-.017	-.025	.500
.650	-.033	-.043	-.054	-.052	-.034	-.038	-.037	-.044	.650
.800	-.040	-.062	-.076	-.079	-.075	-.065	-.069	-.057	.800
.950	-.057	-.073	-.068	-.066	-.072	-.065	-.053	-.057	.950
Lower surface									
.011	.036	.096	.150	.121	.133				.011
.020						.119	.094		.020
.050		.085	.121	.121	.117	.107	.090	.099	.050
.100		.059	.100	.113	.105	.096	.078	.099	.100
.150	.023	.051	.079	.099	.089	.083	.069	.062	.150
.200	.023	.036	.059	.084	.082		.057	.040	.200
.250	.023	.030	.042	.071	.071	.054	.045	.019	.250
.300	.015		.027	.056	.058	.047	.041		.300
.350	.010	.009	.012	.037	.048	.037	.030	-.006	.350
.400	.000	-.001	-.002	.024	.033	.027	.020	-.016	.400
.450	.000	-.008	-.012	.010	.020	.017	.013	-.023	.450
.500	-.007	-.017	-.021	-.002	.012	.006	.002	-.031	.500
.650	-.026	-.035	-.044	-.033	-.030	-.024	-.023	-.047	.650
.800	-.040	-.061	-.068	-.063	-.066	-.052	-.052	-.058	.800
.950	-.061	-.076	-.075	-.071	-.075	-.073	-.073	-.062	.950
$\alpha = 2^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	.030	.044	.034	.041	.030				.011
.025							.031		.025
.050	.033	.034	.022	.024	.037	.034	.015	.034	.050
.100	.020	.024	.012	.019	.024	.020	.008	.024	.100
.150	.005	.005	.005	.008		.015	-.001	.008	.150
.200	.001	-.008	-.004	.002	.001	.009	-.011	.001	.200
.250	-.004	-.015	-.014	-.004	-.008	-.006	-.017		.250
.300	-.009	-.020	-.024		.004	-.022	-.022	-.013	.300
.350	-.014	-.032	-.031	-.015	-.025	-.031	-.032	-.018	.350
.400	-.025	-.039	-.040	-.034	-.031	-.041	-.041	-.025	.400
.450	-.025	-.047	-.047	-.043	-.037	-.049	-.034	-.033	.450
.500	-.038	-.053	-.060	-.051	-.044	-.059	-.050	-.038	.500
.650	-.051	-.065	-.072	-.071	-.059	-.076	-.065	-.051	.650
.800	-.066	-.089	-.086	-.096	-.094	-.091	-.090	-.065	.800
.950	-.079	-.098	-.071	-.077	-.081	-.077	-.065	-.069	.950
Lower surface									
.011	.063	.175	.224	.192	.196				.011
.020						.196	.151		.020
.050		.155	.199	.197	.185	.175	.154	.161	.050
.100		.122	.175	.182	.176	.165	.143		.100
.150	.056	.104	.149	.160	.157	.151	.135	.123	.150
.200	.058	.082	.126	.140	.149		.112	.086	.200
.250	.054	.076	.107	.122	.137	.121	.101	.065	.250
.300	.051		.086	.103	.123	.105	.097	.059	.300
.350	.045	.049	.066	.079	.108	.097	.073	.026	.350
.400	.037	.044	.045	.066	.090	.086	.072	.019	.400
.450	.036	.031	.040	.045	.070	.078	.062	.007	.450
.500	.030	.024	.026	.034	.056	.068	.056	-.007	.500
.650	.008	.007	.000	-.006	.012	.028	.021	-.030	.650
.800	-.005	-.023	-.026	-.034	-.023	-.012	.000	-.044	.800
.950	-.027	-.037	-.056	-.052	-.050	-.038	-.023	-.052	.950

[redacted]

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	-.028	-.007	-.045	-.007	-.018				.011
.025							-.017		.025
.050	-.012	-.019	-.031	-.023	-.012	-.012	-.031	-.020	.050
.100	-.018	-.027	-.038	-.028	-.021	-.030	-.040	-.028	.100
.150	-.033	-.047	-.044	-.036		-.036	-.049	-.038	.150
.200	-.033	-.054	-.051	-.043	-.043	-.036	-.058	-.043	.200
.250	-.034	-.054	-.057	-.047	-.052	-.047	-.065		.250
.300	-.043	-.054	-.064		-.033	-.068	-.071	-.052	.300
.350	-.045	-.062	-.071	-.059	-.063	-.076	-.081	-.052	.350
.400	-.054	-.070	-.077	-.078	-.072	-.084	-.090	-.058	.400
.450	-.051	-.073	-.076	-.085	-.071	-.090	-.085	-.065	.450
.500	-.066	-.078	-.088	-.088	-.088	-.097	-.098	-.071	.500
.650	-.076	-.085	-.096	-.097	-.097	-.116	-.115	-.079	.650
.800	-.090	-.105	-.111	-.116	-.115	-.121	-.129	-.107	.800
.950	-.102	-.118	-.099	-.099	-.099	-.113	-.109	-.114	.950
Lower surface									
.011	.111	.246	.287	.262	.270				.011
.020						.254	.223		.020
.050		.217	.252	.265	.248	.226	.223	.220	.050
.100		.169	.230	.237	.238	.218	.207		.100
.150	.091	.136	.192	.218	.218	.203	.197	.178	.150
.200	.093	.118	.161	.193	.206		.174	.134	.200
.250	.085	.107	.139	.165	.190	.174	.161	.112	.250
.300	.082		.118	.146	.167	.165	.155	.103	.300
.350	.072	.079	.097	.117	.148	.155	.127	.068	.350
.400	.062	.068	.075	.103	.125	.141	.129	.054	.400
.450	.056	.055	.069	.083	.101	.134	.120	.038	.450
.500	.054	.047	.047	.069	.083	.120	.111	.020	.500
.650	.028	.029	.016	.024	.027	.071	.073	-.008	.650
.800	.013	-.009	-.009	-.012	-.006	.019	.045	-.031	.800
.950	-.003	-.021	-.031	-.034	-.031	-.012	.010	-.048	.950
$\alpha = 6^o$ $\beta = 0^o$									
Upper surface									
.011	-.079	-.050	-.023	-.053	-.059				.011
.025							-.069		.025
.050	-.055	-.059	-.066	-.069	-.055	-.056	-.070	-.064	.050
.100	-.043	-.070	-.074	-.071	-.064	-.079	-.077	-.066	.100
.150	-.057	-.089	-.083	-.081		-.085	-.085	-.074	.150
.200	-.051	-.089	-.092	-.085	-.085	-.082	-.092	-.069	.200
.250	-.055	-.087	-.098	-.091	-.095	-.100	-.100		.250
.300	-.062	-.079	-.103			-.108	-.107	-.071	.300
.350	-.060	-.085	-.107	-.102	-.104	-.115	-.113	-.071	.350
.400	-.068	-.090	-.113	-.117	-.113	-.120	-.122	-.076	.400
.450	-.064	-.094	-.108	-.124	-.111	-.126	-.117	-.081	.450
.500	-.077	-.092	-.111	-.128	-.126	-.133	-.129	-.082	.500
.650	-.085	-.100	-.117	-.129	-.136	-.148	-.145	-.100	.650
.800	-.101	-.123	-.128	-.135	-.136	-.135	-.145	-.133	.800
.950	-.113	-.134	-.124	-.122	-.128	-.134	-.130	-.141	.950
Lower surface									
.011	.223	.362	.387	.359	.366				.011
.020						.350	.315		.020
.050		.293	.343	.355	.346	.320	.303	.301	.050
.100		.236	.295	.324	.330	.313	.290		.100
.150	.153	.203	.251	.289	.306	.299	.276	.244	.150
.200	.148	.175	.222	.253	.280		.253	.199	.200
.250	.136	.161	.196	.227	.257	.266	.237	.170	.250
.300	.131		.170	.201	.232	.251	.231	.156	.300
.350	.119	.127	.149	.173	.205	.231	.208	.114	.350
.400	.104	.110	.121	.156	.182	.217	.209	.097	.400
.450	.100	.100	.107	.124	.150	.189	.195	.084	.450
.500	.094	.092	.093	.114	.139	.176	.183	.063	.500
.650	.059	.062	.058	.066	.082	.114	.140	.024	.650
.800	.049	.023	.029	.031	.030	.071	.096	.000	.800
.950	.028	.015	.005	.005	.008	.034	.056	-.023	.950

[redacted]

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 8^0$		$\beta = 0^0$				
				Upper surface					
.011	-.141	-.104	-.067	-.093	-.101				.011
.025							-.104		.025
.050	-.112	-.112	-.112	-.110	-.096	-.103	-.110	-.099	.050
.100	-.090	-.121	-.119	-.110	-.103	-.114	-.116	-.104	.100
.150	-.098	-.133	-.130	-.117		-.121	-.125	-.103	.150
.200	-.090	-.129	-.136	-.124	-.124	-.117	-.133	-.099	.200
.250	-.091	-.127	-.144	-.129	-.133	-.131	-.138		.250
.300	-.091	-.122	-.144		-.108	-.147	-.143	-.108	.300
.350	-.095	-.129	-.144	-.134	-.141	-.151	-.151	-.106	.350
.400	-.095	-.129	-.146	-.149	-.149	-.156	-.154	-.105	.400
.450	-.091	-.122	-.141	-.155	-.142	-.163	-.147	-.114	.450
.500	-.105	-.114	-.146	-.162	-.160	-.169	-.163	-.121	.500
.650	-.112	-.125	-.151	-.156	-.164	-.180	-.182	-.141	.650
.800	-.129	-.148	-.151	-.155	-.155	-.160	-.167	-.173	.800
.950	-.136	-.157	-.151	-.153	-.156	-.164	-.161	-.182	.950
				Lower surface					
.011	.337	.476	.504	.489	.502				.011
.020						.456	.425		.020
.050		.360	.417	.452	.453	.431	.417	.405	.050
.100		.296	.357	.396	.414	.412	.403		.100
.150	.204	.260	.306	.349	.375	.383	.388	.340	.150
.200	.214	.228	.268	.310	.342		.357	.288	.200
.250	.199	.213	.246	.278	.311	.335	.338	.254	.250
.300	.189		.219	.253	.282	.308	.331	.234	.300
.350	.173	.182	.197	.222	.251	.286	.298	.196	.350
.400	.154	.161	.171	.200	.230		.288	.184	.400
.450	.146	.147	.156	.182	.207	.250	.270	.162	.450
.500	.136	.132	.136	.165	.182	.233	.249	.137	.500
.650	.097	.097	.098	.112	.119	.168	.198	.086	.650
.800	.078	.057	.066	.073	.081	.113	.150	.048	.800
.950	.064	.050	.040	.041	.054	.077	.105	.012	.950
			$\alpha = 10^0$		$\beta = 0^0$				
				Upper surface					
.011	-.176	-.146	-.121	-.129	-.134				.011
.025							-.128		.025
.050	-.156	-.154	-.149	-.147	-.129	-.136	-.137	-.123	.050
.100	-.124	-.154	-.154	-.144	-.141	-.149	-.142	-.130	.100
.150	-.126	-.171	-.161	-.150		-.152	-.149	-.130	.150
.200	-.118	-.163	-.167	-.155	-.163	-.149	-.156	-.127	.200
.250	-.109	-.159	-.175	-.160	-.171	-.161	-.162		.250
.300	-.109	-.150	-.175		-.137	-.175	-.169	-.133	.300
.350	-.107	-.158	-.173	-.167	-.174	-.175	-.175	-.126	.350
.400	-.109	-.142	-.173	-.181	-.181	-.182	-.180	-.131	.400
.450	-.109	-.131	-.168	-.186	-.176	-.187	-.174	-.144	.450
.500	-.115	-.131	-.179	-.191	-.188	-.191	-.187	-.154	.500
.650	-.122	-.141	-.178	-.178	-.189	-.201	-.200	-.167	.650
.800	-.142	-.161	-.169	-.182	-.182	-.175	-.191	-.203	.800
.950	-.144	-.178	-.168	-.179	-.185	-.182	-.186	-.208	.950
				Lower surface					
.011	.439	.571	.623	.599	.643				.011
.020						.627	.600		.020
.050		.435	.493	.527	.552	.550	.566	.550	.050
.100		.361	.422	.450	.487	.500	.524		.100
.150	.270	.324	.368	.406	.439	.466	.489	.453	.150
.200	.277	.291	.330	.365	.406		.445	.387	.200
.250	.260	.275	.303	.332	.366	.389	.416	.333	.250
.300	.246		.277	.303	.338	.366	.401	.310	.300
.350	.226	.239	.252	.272	.310	.337	.361	.266	.350
.400	.203	.214	.225	.253	.276	.319	.345	.239	.400
.450	.197	.200	.211	.231	.253	.298	.331	.217	.450
.500	.188	.186	.192	.214	.233	.279	.308	.186	.500
.650	.147	.149	.147	.162	.176	.210	.246	.132	.650
.800	.131	.107	.108	.107	.121	.162	.196	.084	.800
.950	.112	.098	.077	.079	.089	.119	.142	.045	.950

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 12^o$		$\beta = 0^o$				
				Upper surface					
.011	-.216	-.191	-.148	-.171	-.171				.011
.025							-.161		.025
.050	-.190	-.197	-.187	-.183	-.173	-.176	-.168	-.151	.050
.100	-.167	-.195	-.193	-.180	-.180	-.183	-.177	-.159	.100
.150	-.165	-.203	-.199	-.189		-.187	-.180	-.161	.150
.200	-.149	-.197	-.204	-.195	-.196	-.187	-.189	-.153	.200
.250	-.139	-.195	-.209	-.199	-.204	-.197	-.193		.250
.300	-.138	-.189	-.204		-.176	-.202	-.200	-.154	.300
.350	-.130	-.183	-.202	-.204	-.209	-.208	-.205	-.157	.350
.400	-.126	-.159	-.204	-.218	-.216	-.213	-.210	-.162	.400
.450	-.120	-.159	-.197	-.221	-.210	-.216	-.203	-.173	.450
.500	-.129	-.159	-.216	-.223	-.225	-.223	-.216	-.179	.500
.650	-.139	-.171	-.209	-.210	-.216	-.231	-.229	-.202	.650
.800	-.166	-.187	-.195	-.217	-.213	-.205	-.215	-.235	.800
.950	-.159	-.199	-.187	-.217	-.213	-.216	-.211	-.228	.950
				Lower surface					
.011	.522	.672	.727	.704	.764				.011
.020						.769	.765		.020
.050		.506	.569	.599	.636	.655	.695	.715	.050
.100		.419	.483	.519	.562	.588	.629		.100
.150	.330	.383	.431	.464	.512	.538	.578	.554	.150
.200	.348	.343	.393	.420	.469		.529	.481	.200
.250	.324	.327	.359	.392	.426	.456	.491	.419	.250
.300	.301		.336	.356	.397	.424	.470	.389	.300
.350	.287	.295	.310	.328	.363	.397	.445	.330	.350
.400	.264	.267	.285	.307	.333	.375	.419	.305	.400
.450	.253	.252	.271	.289	.307	.358	.398	.274	.450
.500	.238	.236	.249	.272	.288	.337	.370	.240	.500
.650	.195	.198	.202	.216	.228	.274	.306	.169	.650
.800	.182	.158	.163	.155	.170	.214	.246	.113	.800
.950	.161	.145	.126	.128	.141	.174	.188	.078	.950
			$\alpha = 15^o$		$\beta = 0^o$				
				Upper surface					
.011	-.234	-.232	-.178	-.201	-.204				.011
.025							-.212		.025
.050	-.214	-.231	-.217	-.211	-.194	-.193	-.205	-.198	.050
.100	-.187	-.220	-.221	-.204	-.197	-.200	-.199	-.192	.100
.150	-.174	-.227	-.227	-.211		-.205	-.205	-.186	.150
.200	-.152	-.224	-.228	-.215	-.213	-.197	-.212	-.178	.200
.250	-.144	-.223	-.228	-.215	-.220	-.215	-.215		.250
.300	-.137	-.194	-.225		-.192	-.227	-.221	-.182	.300
.350	-.141	-.185	-.225	-.218	-.225	-.231	-.227	-.186	.350
.400	-.149	-.178	-.224	-.230	-.230	-.233	-.236	-.193	.400
.450	-.142	-.182	-.223	-.228	-.223	-.236	-.224	-.207	.450
.500	-.147	-.189	-.230	-.227	-.234	-.242	-.228	-.212	.500
.650	-.154	-.188	-.219	-.219	-.223	-.242	-.243	-.230	.650
.800	-.181	-.202	-.199	-.225	-.225	-.226	-.236	-.255	.800
.950	-.186	-.211	-.202	-.230	-.230	-.236	-.240	-.243	.950
				Lower surface					
.011	.586	.751	.838	.833	.900				.011
.020						.917	.916		.020
.050		.578	.654	.712	.765	.793	.838	.874	.050
.100		.497	.565	.627	.656	.709	.748		.100
.150	.396	.461	.513	.559	.599	.649	.680	.673	.150
.200	.410	.419	.467	.513	.556		.627	.581	.200
.250	.394	.405	.439	.472	.510	.558	.587	.515	.250
.300	.379		.414	.445	.479	.523	.559	.481	.300
.350	.360	.362	.386	.414	.450	.485	.523	.417	.350
.400	.331	.332	.353	.394	.415	.458	.501	.380	.400
.450	.317	.317	.338	.365	.393	.432	.473	.346	.450
.500	.303	.302	.311	.348	.374	.410	.441	.306	.500
.650	.253	.248	.254	.280	.297	.340	.381	.234	.650
.800	.240	.218	.216	.220	.245	.275	.308	.172	.800
.950	.222	.210	.200	.193	.211	.276	.246	.123	.950

[redacted]

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
				$\alpha = 0^\circ$		$\beta = 0^\circ$			
				Upper surface					
.011	.151	.305	.057	.058	.064				.011
.025							.067		.025
.050	.109	.177	.019	.052	.052	.046	.056	.085	.050
.100	.099	.098	.033	.028	.040	.037	.038	.067	.100
.150	.092	.069	.045	.013		.034	.037	.053	.150
.200	.078	.038	.045	.005	.026	.022	.027	.033	.200
.250	.059	.028	.037	.012	.009	.015	.018		.250
.300	.038	.005	.024		-.006	.011	.011	-.001	.300
.350	.017	.005	.013	.013	-.002	-.001	-.004	-.008	.350
.400	-.005	-.002	.000	.007	-.015	-.012	-.009	-.017	.400
.450	-.012	-.014	-.019	-.002	-.022	-.018	-.027	-.021	.450
.500	-.024	-.021	-.019	-.014	-.028	-.025	-.022	-.030	.500
.650	-.043	-.057	-.057	-.059	-.047	-.051	-.043	-.051	.650
.800	-.045	-.070	-.078	-.069	-.066	-.088	-.072	-.060	.800
.950	-.064	-.080	-.095	-.086	-.071	-.060	-.053	-.066	.950
				Lower surface					
.011	-.020	-.061	.236	.149	.149				.011
.020						.134	.118		.020
.050		-.029	.198	.157	.136	.125	.108	.114	.050
.100		.020	.122	.152	.122	.108	.099		.100
.150	-.014	-.005	.085	.130	.113	.098	.090	.083	.150
.200	-.017	.019	.065	.099	.115		.078	.065	.200
.250	-.022	.020	.048	.073	.099	.078	.071	.036	.250
.300	-.020		.029	.050	.085	.065	.058		.300
.350	-.005	.005	.016	.038	.058	.057	.066	.017	.350
.400	.003	-.008	.008	.019	.034	.049	.048	.006	.400
.450		-.008	-.007	.006	.027	.044	.038	-.003	.450
.500	.006	-.012	-.008	-.009	.015	.037	.020	-.008	.500
.650	-.014	-.023	-.037	-.034	-.031	-.003	-.001	-.028	.650
.800	-.034	-.051	-.061	-.066	-.055	-.038	-.024	-.045	.800
.950	-.050	-.069	-.078	-.073	-.071	-.066	-.048	-.041	.950
				$\alpha = 2^\circ$		$\beta = 0^\circ$			
				Upper surface					
.011	.070	.088	.011	-.008	.004				.011
.025							.007		.025
.050	.066	.073		-.018	-.017	-.017	-.006	.020	.050
.100	.056	.018	-.013	-.039	-.026	-.032	-.021	.000	.100
.150	.045	-.002	-.009	-.050		-.022	-.025	-.008	.150
.200	.028		-.015	-.052	-.033	-.038	-.034	-.018	.200
.250	.024	-.028	-.009	-.044	-.044	-.050	-.043		.250
.300	.021	-.040	-.024		-.059	-.050	-.051	-.028	.300
.350	.001	-.038	-.031	-.047	-.064	-.056	-.063	-.044	.350
.400	-.030	-.050	-.043	-.047	-.072	-.064	-.067	-.051	.400
.450	-.040	-.053	-.056	-.054	-.080	-.072	-.088	-.050	.450
.500	-.046	-.062	-.062	-.063	-.088	-.082	-.078	-.056	.500
.650	-.064	-.090	-.097	-.102	-.097	-.102	-.093	-.083	.650
.800	-.069	-.103	-.114	-.104	-.111	-.125	-.117	-.089	.800
.950	-.091	-.112	-.125	-.104	-.084	-.093	-.089	-.110	.950
				Lower surface					
.011	.034	.087	.305	.235	.227				.011
.020						.204	.185		.020
.050		.079	.216	.249	.215	.186	.171	.176	.050
.100	.022	.063	.165	.216	.204	.176	.159		.100
.150	.024	.066	.134	.175	.194	.159	.149	.135	.150
.200	.029	.062	.113	.149	.179		.138	.113	.200
.250	.034	.065	.095	.125	.148	.137	.129	.079	.250
.300	.029		.080	.102	.126	.131	.116		.300
.350	.040	.061	.063	.084	.106	.125	.123	.052	.350
.400	.034	.042	.051	.064	.085	.112	.104	.038	.400
.450	.036	.040	.036	.051	.070	.097	.097	.024	.450
.500	.035	.029	.034	.037	.055	.088	.080	.020	.500
.650	.014	.006	.001	.007	.000	.041	.054	-.006	.650
.800	-.001	-.019	-.026	-.035	-.023	.000	.026	-.029	.800
.950	-.020	-.043	-.048	-.047	-.048	-.034	-.008	-.038	.950

[redacted]

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 4^\circ$		$\beta = 0^\circ$				
Upper surface									
.011	-.049	-.011	-.033	-.063	-.041				.011
.025							-.039		.025
.050	-.023	-.020	-.070	-.066	-.058	-.062	-.047	-.028	.050
.100	-.025	-.051	-.058	-.082	-.070	-.075	-.065	-.044	.100
.150	-.027	-.051	-.062	-.090			-.063	-.053	.150
.200	-.034	-.068	-.070	-.095	-.076	-.081	-.070	-.050	.200
.250	-.041	-.068	-.078	-.083	-.084	-.094	-.081		.250
.300	-.039	-.085	-.079		-.092	-.094	-.086	-.068	.300
.350	-.046	-.078	-.084	-.096	-.097	-.101	-.100	-.069	.350
.400	-.056	-.089	-.090	-.094	-.108	-.109	-.105	-.075	.400
.450	-.068	-.101	-.108	-.101	-.117	-.116	-.124	-.075	.450
.500	-.082		-.102	-.105	-.124	-.122	-.117	-.077	.500
.650	-.096	-.115	-.124	-.124	-.130	-.139	-.136	-.098	.650
.800	-.103	-.127	-.132	-.132	-.132	-.147	-.142	-.108	.800
.950	-.127	-.140	-.146	-.118	-.128	-.126	-.121	-.145	.950
Lower surface									
.011	.107	.205	.311	.302	.303				.011
.020						.282	.265		.020
.050		.178	.251	.296	.291	.256	.246	.244	.050
.100		.138	.216	.258	.270	.245	.234		.100
.150	.070	.122	.182	.220	.247	.233	.224	.199	.150
.200	.071	.104	.157	.196	.230		.210	.169	.200
.250	.070	.096	.138	.175	.197	.209	.199	.133	.250
.300	.064		.120	.148	.176	.198	.187	.140	.300
.350	.068	.087	.099	.129	.155	.178	.194	.098	.350
.400	.059	.071	.086	.105	.133		.174	.079	.400
.450	.057	.070	.075	.094	.120	.148	.167	.065	.450
.500	.049	.054	.068	.073	.097	.133	.143	.057	.500
.650	.033	.029	.029	.041	.045	.078	.113	.022	.650
.800	.015	.001	-.001	.001	.009	.041	.070	-.010	.800
.950	-.006	-.017	-.027	-.017	-.017	-.003	.029	-.019	.950
			$\alpha = 6^\circ$		$\beta = 0^\circ$				
Upper surface									
.011	-.098	-.064	-.060	-.098	-.090				.011
.025							-.081		.025
.050	-.066	-.073	-.090	-.104	-.102	-.113	-.090	-.073	.050
.100	-.059	-.092	-.095	-.116	-.113	-.110	-.103	-.082	.100
.150	-.057	-.092	-.101	-.122		-.109	-.103	-.089	.150
.200	-.065	-.097	-.109	-.126	-.121	-.122	-.111	-.088	.200
.250	-.062	-.092	-.116		-.123	-.133	-.120		.250
.300	-.063	-.102	-.116		-.126	-.131	-.123	-.089	.300
.350	-.069	-.095	-.116	-.135	-.134	-.140	-.137	-.095	.350
.400	-.072	-.099	-.118	-.137	-.143	-.147	-.137	-.098	.400
.450	-.082	-.103	-.128	-.142	-.152	-.154	-.150	-.094	.450
.500	-.089	-.102	-.129	-.144	-.165	-.160	-.150	-.096	.500
.650	-.104	-.126	-.142	-.159	-.171	-.173	-.169	-.128	.650
.800	-.111	-.131	-.148	-.154	-.159	-.162	-.160	-.150	.800
.950	-.135	-.147	-.158	-.144		-.147	-.153	-.181	.950
Lower surface									
.011	.142	.333	.386	.376	.390				.011
.020						.362	.337		.020
.050		.263	.324	.362	.365	.337	.323	.317	.050
.100		.203	.277	.320	.337	.320	.315		.100
.150	.117	.177	.239	.281	.313	.306	.303	.274	.150
.200	.124	.158	.205	.249	.284		.285	.227	.200
.250	.124	.146	.186	.218	.254	.275	.269	.193	.250
.300	.114		.165	.197	.228	.248	.260	.186	.300
.350	.112	.121	.142	.168	.197	.232	.256	.149	.350
.400	.101	.111	.127	.149	.177	.212	.233	.131	.400
.450	.096	.105	.112	.133	.157	.202	.217	.107	.450
.500	.086	.089	.100	.115	.141	.181	.200	.094	.500
.650	.063	.056	.063	.076	.084	.126	.158	.058	.650
.800	.047	.026	.028	.034	.045	.077	.112	.021	.800
.950	.028	.009	.002	.014	.014	.037	.069	.006	.950

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$ $\beta = 0^o$								
Upper surface									
.011	-.156	-.114	-.077	-.115	-.118				.011
.025							-.114		.025
.050	-.109	-.118	-.123	-.122	-.124	-.120	-.120	-.110	.050
.100	-.099	-.135	-.130	-.135	-.133	-.137	-.131	-.117	.100
.150	-.099	-.135	-.137	-.144		-.135	-.135	-.121	.150
.200	-.095	-.134	-.144	-.144	-.141	-.139	-.142	-.116	.200
.250	-.094	-.129	-.149		-.149	-.144	-.148		.250
.300	-.090	-.130	-.146		-.144	-.159	-.154	-.121	.300
.350	-.095	-.126	-.144	-.159	-.161	-.165	-.162	-.126	.350
.400	-.097	-.121	-.147	-.163	-.165	-.174	-.169	-.126	.400
.450	-.102	-.121	-.154	-.167	-.171	-.180	-.178	-.127	.450
.500	-.104	-.118	-.156	-.168	-.185	-.182	-.180	-.137	.500
.650	-.116	-.137	-.163	-.173	-.187	-.198	-.197	-.162	.650
.800	-.126	-.149	-.160	-.173	-.175	-.180	-.182	-.191	.800
.950	-.144	-.161	-.158	-.171		-.175	-.178	-.218	.950
Lower surface									
.011	.250	.458	.499	.494	.507				.011
.020						.477	.445		.020
.050		.348	.407	.452	.463	.449	.435	.417	.050
.100		.282	.345	.395	.414	.423	.420		.100
.150	.193	.240	.303	.346	.372	.393	.400	.358	.150
.200	.193	.219	.266	.309	.344		.373	.301	.200
.250	.184	.206	.241	.279	.302	.340	.357	.266	.250
.300	.174		.219	.253	.279	.311	.333	.253	.300
.350	.168	.182	.196	.227	.255	.285	.319	.219	.350
.400	.149	.156	.172	.200	.227		.301	.198	.400
.450	.142	.142	.155	.183	.204	.252	.284	.174	.450
.500	.135	.128	.140	.163	.188	.237	.262	.151	.500
.650	.101	.098	.094	.122	.129	.170	.211	.105	.650
.800	.086	.058	.061	.072	.091	.122	.154	.057	.800
.950	.064	.049	.041	.047	.057	.083	.112	.030	.950
	$\alpha = 10^o$ $\beta = 0^o$								
Upper surface									
.011	-.212	-.163	-.131	-.166	-.161				.011
.025							-.140		.025
.050	-.182	-.169	-.166	-.172	-.169	-.189	-.150	-.142	.050
.100	-.142	-.189	-.173	-.185	-.180	-.197	-.167	-.146	.100
.150	-.133	-.182	-.184	-.192		-.176	-.167	-.142	.150
.200	-.127	-.178	-.189	-.199	-.187	-.187	-.173	-.135	.200
.250	-.120	-.173	-.194	-.204	-.192	-.211	-.180		.250
.300	-.114	-.178	-.189		-.182	-.191	-.184	-.143	.300
.350	-.114	-.156	-.186	-.206	-.202	-.197	-.191	-.147	.350
.400	-.111	-.140	-.187	-.208	-.211	-.202	-.194	-.156	.400
.450	-.112	-.137	-.197	-.208	-.220	-.207	-.211	-.160	.450
.500	-.116	-.144	-.197	-.208	-.242	-.212	-.206	-.167	.500
.650	-.130	-.166	-.211	-.213	-.225	-.218	-.217	-.208	.650
.800	-.140	-.173	-.185	-.204	-.204	-.213	-.202	-.230	.800
.950	-.160	-.187	-.192	-.204		-.200	-.197	-.237	.950
Lower surface									
.011	.388	.563	.622	.602	.651				.011
.020						.637	.614		.020
.050		.426	.482	.530	.556	.574	.573	.563	.050
.100		.345	.410	.458	.493	.508	.528		.100
.150		.315	.368	.407	.441	.464	.481	.458	.150
.200	.271	.284	.331	.362	.404		.443	.397	.200
.250	.261	.271	.301	.337	.370	.397	.421	.346	.250
.300	.242		.268	.311	.338	.373	.402	.325	.300
.350	.233	.243	.257	.280	.312	.342	.386	.276	.350
.400	.214	.216	.236	.257	.283	.316	.355	.253	.400
.450	.200	.206	.216	.241	.262	.292	.330	.225	.450
.500	.191	.186	.206	.220	.239	.277	.306	.198	.500
.650	.149	.147	.155	.168	.179	.218	.252	.141	.650
.800	.135	.115	.118	.110	.132	.163	.196	.089	.800
.950	.114	.098	.083	.091	.104	.113	.141	.057	.950

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 12^o$ $\beta = 0^o$									
Upper surface									
.011	-.247	-.200		-.200	-.192				.011
.025							-.179		.025
.050	-.212	-.215	-.200	-.200	-.187	-.211	-.184	-.165	.050
.100	-.186	-.222	-.210	-.211	-.205	-.213	-.195	-.173	.100
.150	-.165	-.215	-.217	-.218		-.200	-.198	-.173	.150
.200	-.157	-.208	-.223	-.222	-.210	-.208	-.204	-.167	.200
.250	-.146	-.209	-.225	-.225	-.217	-.229	-.208		.250
.300	-.139	-.205	-.217		-.208	-.213	-.212	-.167	.300
.350	-.132	-.167	-.215	-.228	-.227	-.218	-.219	-.177	.350
.400	-.128	-.162	-.217	-.228	-.231	-.223	-.219	-.186	.400
.450	-.128	-.162	-.224	-.229	-.236	-.230	-.227	-.191	.450
.500	-.128	-.165	-.223	-.229	-.256	-.234	-.227	-.196	.500
.650	-.151	-.191	-.229	-.230	-.234	-.235	-.237	-.234	.650
.800	-.165	-.196	-.203	-.228	-.224	-.229	-.225	-.259	.800
.950	-.174	-.208	-.203	-.231		-.221	-.223	-.248	.950
Lower surface									
.011	.500	.645	.716	.698	.764				.011
.020						.778	.761		.020
.050		.491	.554	.601	.642	.669	.688	.709	.050
.100		.407	.471	.520	.561	.592	.618		.100
.150		.366	.424	.456	.503	.543	.574	.550	.150
.200	.333	.330	.382	.421	.463		.524	.468	.200
.250	.310	.322	.350	.385	.426	.459	.488	.414	.250
.300	.292		.329	.356	.387	.434	.464	.389	.300
.350	.279	.291	.305	.327	.361	.407	.442	.331	.350
.400	.254	.260	.281	.307	.335	.370	.411	.299	.400
.450	.244	.244	.266	.288	.316	.352	.390	.266	.450
.500	.230	.230	.251	.266	.291	.329	.355	.238	.500
.650	.191	.190	.202	.218	.229	.268	.296	.170	.650
.800	.179	.159	.153	.155	.188	.212	.243	.110	.800
.950	.158	.144	.127	.132	.149	.165	.180	.082	.950
$\alpha = 15^o$ $\beta = 0^o$									
Upper surface									
.011	-.247	-.256	-.179	-.230	-.230				.011
.025							-.231		.025
.050	-.227	-.252	-.240	-.227	-.212	-.228	-.213	-.212	.050
.100	-.200	-.241	-.241	-.227	-.224	-.235	-.212	-.207	.100
.150	-.181	-.240	-.247	-.234		-.222	-.214	-.198	.150
.200	-.163	-.240	-.248	-.240	-.231	-.219	-.220	-.190	.200
.250	-.141	-.240	-.243	-.243	-.240	-.245	-.228		.250
.300	-.144	-.193	-.234		-.211	-.240	-.233	-.192	.300
.350	-.151	-.190	-.235	-.238	-.247	-.244	-.238	-.198	.350
.400	-.161	-.193	-.243	-.243	-.252	-.248	-.244	-.208	.400
.450	-.148	-.200	-.237	-.243	-.245	-.252	-.240	-.219	.450
.500	-.157	-.202	-.245	-.240	-.260	-.257	-.250	-.227	.500
.650	-.172	-.202	-.232	-.240	-.239	-.247	-.259	-.248	.650
.800	-.195	-.212	-.213	-.247	-.247	-.233	-.245	-.276	.800
.950	-.209	-.222	-.218	-.254	.363	-.243	-.245	-.258	.950
Lower surface									
.011	.571	.736	.824	.822	.892				.011
.020						.905	.909		.020
.050		.563	.648	.703	.757	.785	.828	.868	.050
.100		.484	.554	.612	.655	.705	.743		.100
.150		.448	.505	.547	.601	.641	.676	.658	.150
.200	.410	.410	.461	.502	.549		.623	.579	.200
.250	.386	.400	.435	.471	.508	.547	.583	.515	.250
.300	.368		.409	.434	.470	.520	.553	.480	.300
.350	.354	.361	.382	.406	.442	.488	.516	.418	.350
.400	.324	.326	.346	.384	.411	.462	.497	.378	.400
.450	.313	.312	.333	.359	.386	.426	.469	.343	.450
.500	.298	.298	.311	.335	.366	.406	.435	.311	.500
.650	.244	.256	.258	.272	.293	.332	.379	.236	.650
.800	.236	.215	.214	.214	.244	.271	.308	.169	.800
.950	.218	.204	.192	.191	.207	.229	.241	.125	.950

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^o$				$\beta = 0^o$				
	Upper surface								
.011	.301	.230	.052	.043	.052				.011
.025							.062		.025
.050	.208	.239	.014	.028	.043	.036	.046	.075	.050
.100	.179	.165	.051	.012	.030	.032	.028	.059	.100
.150	.150	.130	.054	.004		.019	.023	.043	.150
.200	.120	.090	.047	.012	.011	.015	.009	.028	.200
.250	.092	.066		.020	.001	.008	.000		.250
.300	.071	.046	.045		.002	.004	-.009	.000	.300
.350	.047	.031	.036	.020	-.014	-.009	-.021	-.008	.350
.400	.021	.015	.018	.014	-.014	-.020	-.028	-.017	.400
.450	.007	.002	.000	.008	-.013	-.030	-.033	-.025	.450
.500	-.008	-.009	-.009	.000	-.025	-.038	-.045	-.031	.500
.650	-.030	-.045	-.044	-.036	-.037	-.059	-.059	-.054	.650
.800	-.036	-.064	-.073	-.073	-.062	-.078	-.079	-.072	.800
.950	-.053	-.072	-.091	-.095	-.101	-.054	-.058	-.073	.950
	Lower surface								
.011	-.077	-.049	.196	.176	.170				.011
.020						.141	.125		.020
.050		-.063	.150	.179	.154	.124	.111	.127	.050
.100		-.071	.115	.156	.140	.113	.101		.100
.150	-.073	-.083	.078	.128	.126	.103	.087	.097	.150
.200	-.063	-.086	.059	.110	.118		.069	.072	.200
.250	-.052	-.084	.045	.086	.097	.086	.059	.049	.250
.300	-.041		.021	.071	.083	.075	.055	.052	.300
.350	-.029	-.118	-.017	.050	.064	.068	.048	.021	.350
.400	-.022	-.101	-.038	.022	.041	.056	.041	.013	.400
.450		-.048	-.052	.000	.031	.047	.033	.001	.450
.500	.024	-.035	-.054	-.021	.019	.036	.023	-.009	.500
.650	-.010	-.029	-.066	-.059	-.042	-.001	-.002	-.029	.650
.800	-.047	-.078	-.066	-.086	-.079	-.037	-.030	-.045	.800
.950	-.071	-.097	-.058	-.091	-.090	-.068	-.045	-.050	.950
	$\alpha = 4^o$				$\beta = 0^o$				
	Upper surface								
.011	.124	.090	-.084	-.063	-.058				.011
.025							-.031		.025
.050	.107	.040	-.098	-.076	-.060	-.040	-.040	-.020	.050
.100	.090	-.001	-.043	-.066	-.072	-.052	-.049	-.034	.100
.150	.071	-.033	-.052	-.082			-.054	-.046	.150
.200	.058	-.028	-.067	-.069	-.079	-.072	-.064	-.046	.200
.250	.045	-.072	-.046	-.064	-.085	-.092	-.071		.250
.300	.028	-.085	-.038			-.097	-.077	-.058	.300
.350	.039	-.094	-.044	-.050	-.092	-.105	-.089	-.057	.350
.400	-.006	-.092	-.064	-.045	-.090	-.115	-.096	-.064	.400
.450	-.036	-.092	-.076	-.056	-.083	-.122	-.097	-.070	.450
.500	-.059	-.083	-.090	-.065	-.085	-.120	-.110	-.072	.500
.650	-.077	-.096	-.103	-.084	-.099	-.134	-.131	-.083	.650
.800	-.086	-.107	-.130	-.118	-.118	-.120	-.127	-.109	.800
.950	-.088	-.122	-.142	-.133	-.134	-.115	-.120	-.120	.950
	Lower surface								
.011	-.004	.062	.313	.362	.306				.011
.020						.281	.255		.020
.050		.057	.232	.317	.317	.257	.247	.247	.050
.100		.057	.192	.257	.297	.243	.231		.100
.150	.008	.071	.155	.212	.257	.240	.214	.198	.150
.200	.017	.078	.134	.174	.220		.195	.158	.200
.250	.020	.090	.120	.157	.183	.218	.184	.130	.250
.300	.027		.105	.127	.165	.198	.177	.123	.300
.350	.029	.072	.085	.108	.143	.176	.161	.086	.350
.400	.041	.057	.066	.096	.118	.162	.158	.072	.400
.450	.050	.050	.057	.078	.098	.135	.155	.059	.450
.500	.050	.038	.042	.064	.085	.121	.142	.049	.500
.650	.028	.023	.015	.029	.038	.066	.099	.005	.650
.800	.013	-.008	-.003	-.015	-.001	.021	.057	-.016	.800
.950	-.006	-.022	-.024	-.029	-.024	-.012	.023	-.033	.950

[redacted]

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$ $\beta = 0^o$								
	Upper surface								
.011	-.033	-.088	-.079	-.106	-.110				.011
.025							-.109		.025
.050	-.026	-.101	-.122	-.125	-.109	-.106	-.119	-.102	.050
.100	-.035	-.095	-.127	-.122	-.122	-.102	-.119	-.110	.100
.150	-.056	-.105	-.133	-.133		-.131	-.130	-.117	.150
.200	-.045	-.103	-.136	-.135	-.140	-.125	-.137	-.111	.200
.250	-.058	-.105	-.130	-.131	-.151	-.146	-.141		.250
.300	-.079	-.111	-.125			-.154	-.148	-.118	.300
.350	-.076	-.110	-.128	-.135	-.159	-.160	-.156	-.112	.350
.400	-.084	-.117	-.131	-.149	-.159	-.169	-.166	-.112	.400
.450	-.080	-.119	-.127	-.149	-.151	-.175	-.154	-.125	.450
.500	-.098	-.118	-.138	-.150	-.166	-.177	-.170	-.135	.500
.650	-.110	-.133	-.134	-.146	-.159	-.194	-.187	-.147	.650
.800	-.137	-.150	-.147	-.166	-.163	-.155	-.173	-.177	.800
.950	-.131	-.159	-.159	-.161	-.143	-.172	-.170	-.187	.950
	Lower surface								
.011	.121	.430	.497	.494	.531				.011
.020						.491	.441		.020
.050		.310	.396	.444	.467	.455	.431	.410	.050
.100		.250	.335	.386	.417	.432	.414		.100
.150	.139	.225	.288	.333	.369	.399	.396	.346	.150
.200	.154	.200	.251	.300	.335		.363	.291	.200
.250	.149	.191	.230	.269	.311	.338	.343	.258	.250
.300	.149		.206	.237	.275	.319	.327	.242	.300
.350	.140	.170	.187	.215	.251	.288	.296	.205	.350
.400	.129	.147	.165	.193	.226	.265	.283	.180	.400
.450		.134	.154	.172	.206	.237	.270	.163	.450
.500	.126	.123	.135	.161	.179	.219	.244	.134	.500
.650	.100	.101	.092	.115	.126	.156	.192	.079	.650
.800	.091	.065	.065	.070	.079	.104	.142	.042	.800
.950	.071	.051	.044	.040	.056	.069	.095	.015	.950
	$\alpha = 12^o$ $\beta = 0^o$								
	Upper surface								
.011	-.164	-.172	-.131	-.154	-.167				.011
.025							-.174		.025
.050	-.129	-.178	-.175	-.171	-.156	-.161	-.180	-.161	.050
.100	-.115	-.172	-.182	-.172	-.163	-.164	-.181	-.169	.100
.150	-.136	-.184	-.187	-.178		-.184	-.193	-.171	.150
.200	-.119	-.176	-.195	-.184	-.182	-.172	-.201	-.167	.200
.250	-.115	-.176	-.190	-.185	-.189	-.189	-.206		.250
.300	-.126	-.161	-.188			-.198	-.207	-.170	.300
.350	-.117	-.145	-.189	-.191	-.198	-.204	-.210	-.164	.350
.400	-.122	-.151	-.193	-.207	-.209	-.210	-.221	-.174	.400
.450	-.109	-.154	-.181	-.204	-.197	-.216	-.202	-.188	.450
.500	-.124	-.155		-.207	-.211	-.222	-.219	-.197	.500
.650	-.139	-.165	-.180	-.196	-.197	-.229	-.222	-.207	.650
.800	-.161	-.184	-.172	-.215	-.207	-.195	-.204	-.245	.800
.950	-.163	-.194	-.188	-.214	-.176	-.210	-.211	-.230	.950
	Lower surface								
.011	.384	.603	.689	.687	.757				.011
.020						.761	.744		.020
.050		.457	.531	.587	.620	.653	.680	.703	.050
.100		.380	.457	.501	.545	.587	.614		.100
.150	.280	.349	.399	.444	.492	.522	.565	.545	.150
.200	.299	.315	.365	.401	.450		.515	.464	.200
.250	.285	.306	.336	.375	.410	.444	.479	.408	.250
.300	.275		.309	.343	.385	.414	.456	.375	.300
.350	.259	.275	.288	.317	.355	.392	.424	.327	.350
.400	.235	.245	.262	.298	.325	.368	.403	.296	.400
.450	.234	.227	.248	.275	.298	.344	.381	.265	.450
.500	.223	.208	.223	.258	.278	.322	.353	.236	.500
.650	.179	.178	.182	.206	.215	.248	.280	.167	.650
.800	.169	.137	.148	.148	.159	.202	.231	.107	.800
.950	.149	.133	.119	.122	.129	.155	.176	.067	.950

[redacted]

TABLE VII

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 15^\circ$ $\beta = 0^\circ$								
Upper surface									
.011	-.217	-.227	-.175	-.204	-.214				.011
.025							-.222		.025
.050	-.194	-.230	-.226	-.216	-.194	-.202	-.213	-.203	.050
.100	-.167	-.217	-.227	-.209	-.200		-.208	-.198	.100
.150	-.172	-.227	-.232	-.215		-.215	-.217	-.196	.150
.200	-.152	-.222	-.234	-.221	-.220	-.203	-.222	-.190	.200
.250	-.147	-.226	-.232	-.219	-.227	-.223	-.228		.250
.300	-.147	-.184	-.226			-.232	-.233	-.196	.300
.350	-.144	-.180	-.226	-.221	-.230	-.236	-.240	-.194	.350
.400	-.151	-.183	-.232	-.237	-.239	-.241	-.243	-.202	.400
.450	-.138	-.191	-.221	-.235	-.228	-.246	-.233	-.222	.450
.500	-.154	-.191	-.233	-.235	-.241	-.250	-.248	-.228	.500
.650	-.163	-.193	-.207	-.224	-.223	-.245	-.253	-.237	.650
.800	-.188	-.210	-.197	-.240	-.233		-.236	-.269	.800
.950	-.175	-.222	-.206	-.248	-.204	-.237	-.241	-.248	.950
Lower surface									
.011	.534	.724	.817	.808	.878				.011
.020						.899	.908		.020
.050		.554	.637	.692	.737	.785	.824	.863	.050
.100		.478	.550	.601	.650	.688	.733		.100
.150	.379	.439	.500	.534	.582	.631	.674	.664	.150
.200	.403	.400	.457	.492	.537		.618	.574	.200
.250	.375	.391	.429	.459	.496	.542	.578	.501	.250
.300	.359		.398	.422	.458	.503	.551	.470	.300
.350	.342	.358	.367	.396	.434	.482	.513	.411	.350
.400	.314	.322	.332	.378	.403	.452	.492	.377	.400
.450	.301	.303	.322	.352	.378	.427	.466	.338	.450
.500	.289	.286	.298	.331	.358	.395	.432	.299	.500
.650	.242	.246	.249	.267	.288	.325	.367	.227	.650
.800	.232	.209	.205	.208	.236	.266	.294	.165	.800
.950	.221	.191	.181	.181	.187	.217	.241	.117	.950

[redacted]

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION

(a) $\delta_c = 0^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			α = 0°		β = 0°				
				Upper surface					
.011	.066	.104	.122	.084	.081				.011
.025							.116		.025
.050	.051	.094	.083	.076	.068	.074	.107	.112	.050
.100	.040	.068	.074	.057	.057	.068	.087	.096	.100
.150	.026	.046	.059	.051		.056	.081	.078	.150
.200	.021	.027	.045	.043	.043	.042	.064	.059	.200
.250	.015	.020	.033	.038	.033	.031	.047	.045	.250
.300	.012	.011	.017		.031	.011	.038	.031	.300
.350	.005	.002	.007	.021	.018	.002	.020	.019	.350
.400	-.004	-.007	-.007	.006	.009	-.006	.005	.008	.400
.450	-.009	-.017	-.017	-.005	-.004	-.015	-.005	.005	.450
.500	-.015	-.023	-.031	-.017	-.007	-.021	-.017	-.004	.500
.650	-.038	-.047	-.052	-.047	-.039	-.042	-.043	-.014	.650
.800	-.047	-.065	-.071	-.071	-.070	-.069	-.076	-.030	.800
.950	-.064	-.077	-.069	-.069	-.072	-.066	-.065	-.044	.950
				Lower surface					
.011	.049	.088	.147	.103	.113				.011
.020						.135	.142		.020
.050		.071	.127	.110	.100	.111	.135		.050
.100	.027	.064	.100	.100	.086	.092	.125		.100
.150	.032	.056	.083	.085	.072	.076	.107		.150
.200	.033	.041	.067	.074	.068		.089		.200
.250	.025	.039	.050	.063	.063		.075		.250
.300	.020		.037	.049	.056	.036	.060		.300
.350	.016	.018	.025	.033	.043	.030	.046		.350
.400	.006	.006	.008	.019	.028	.016	.035		.400
.450		.002	.000	.009	.022	.008	.021		.450
.500	.005	-.006	-.008	-.005	.009	.005	.007		.500
.650	-.016	-.022	-.033	-.037	-.028	-.022	-.018		.650
.800	-.032	-.047	-.062	-.067	-.056	-.049	-.040		.800
.950	-.050	-.062	-.069	-.069	-.068	-.064	-.051		.950
			α = 2°		β = 0°				
				Upper surface					
.011	.026	.033	.040	.021	.008				.011
.025							.046		.025
.050	.027	.026	.000	.008	.008	.030	.044	.056	.050
.100	.012	.014	-.002	.001	-.001	.012	.030	.042	.100
.150	.001	-.002	-.006	-.005		.004	.023	.026	.150
.200	-.005	-.019	-.017	-.012	-.014	-.002	.011	.018	.200
.250	-.011	-.024	-.025	-.017	-.020	-.019	-.004	.009	.250
.300	-.017	-.030	-.030		-.026	-.039	-.014	-.001	.300
.350	-.021	-.037	-.038	-.027	-.033	-.046	-.032	-.006	.350
.400	-.033	-.047	-.047	-.043	-.043	-.059	-.039	-.012	.400
.450	-.032	-.052	-.053	-.052	-.046	-.066	-.046	-.020	.450
.500	-.046	-.055	-.057	-.057	-.055	-.075	-.063	-.025	.500
.650	-.058	-.071	-.079	-.077	-.071	-.090	-.087	-.046	.650
.800	-.072	-.093	-.090	-.097	-.097	-.098	-.114	-.065	.800
.950	-.083	-.102	-.085	-.078	-.081	-.090	-.094	-.068	.950
				Lower surface					
.011	.043	.158	.225	.184	.181				.011
.020						.194	.217		.020
.050		.137	.194	.186	.166	.167	.208	.203	.050
.100	.040	.109	.163	.179	.158	.154	.191		.100
.150	.046	.095	.139	.156	.146	.138	.173	.170	.150
.200	.048	.077	.112	.137	.138		.144	.137	.200
.250	.048	.071	.091	.117	.133	.098	.121	.112	.250
.300	.047		.074	.099	.111	.102	.114	.111	.300
.350	.043	.057	.057	.079	.098	.091	.090	.075	.350
.400	.030	.041	.039	.062	.077	.083	.083	.061	.400
.450		.032	.030	.044	.061	.075	.072	.050	.450
.500	.032	.020	.019	.033	.044	.065	.061	.034	.500
.650	.007	.001	-.012	-.002	.002	.028	.026	-.002	.650
.800	-.007	-.028	-.037	-.037	-.037	-.006	.005	-.019	.800
.950	-.025	-.041	-.054	-.056	-.056	-.037	-.019	-.042	.950

[redacted]

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 4^o$		$\beta = \infty$				
				Upper surface					
.011	-.021	-.020	-.023	-.027	-.040				.011
.025							.008		.025
.050	-.017	-.028	-.044	-.043	-.040	-.030	-.001	.011	.050
.100	-.014	-.032	-.051	-.047	-.047	-.039	-.012	.000	.100
.150	-.030	-.047	-.056	-.058		-.044	-.019	-.008	.150
.200	-.030	-.056	-.060	-.063	-.063	-.051	-.031	-.011	.200
.250	-.032	-.057	-.066	-.063	-.070	-.064	-.044	-.009	.250
.300	-.039	-.057	-.071		-.071	-.076	-.052	-.015	.300
.350	-.044	-.065	-.077	-.072	-.083	-.085	-.069	-.024	.350
.400	-.052	-.070	-.082	-.088	-.090	-.095	-.079	-.028	.400
.450	-.051	-.075	-.082	-.092	-.094	-.101	-.082	-.033	.450
.500	-.063	-.079	-.089	-.098	-.101	-.110	-.095	-.038	.500
.650	-.072	-.091	-.101	-.108	-.110	-.128	-.111	-.055	.650
.800	-.087	-.109	-.111	-.124	-.122	-.124	-.135	-.072	.800
.950	-.098	-.119	-.109	-.113	-.111	-.116	-.119	-.085	.950
				Lower surface					
.011	.100	.240	.304	.268	.268				.011
.020						.268	.287		.020
.050		.211	.265	.273	.254	.243	.279	.280	.050
.100	.085	.167	.232	.252	.243	.225	.258		.100
.150	.087	.143	.195	.227	.229	.209	.231	.229	.150
.200	.091	.121	.164	.198	.217		.201	.192	.200
.250	.086	.114	.145	.175	.196	.184	.182	.162	.250
.300	.084		.122	.152	.175	.176	.170	.152	.300
.350	.077	.086	.103	.128	.153	.162	.147	.111	.350
.400	.069	.075	.083	.107	.131	.149	.141	.098	.400
.450	.069	.063	.072	.089	.110	.136	.132	.077	.450
.500	.063	.051	.059	.075	.096	.121	.120	.058	.500
.650	.034	.036	.030	.037	.049	.075	.089	.014	.650
.800	.020	.000	-.003	.000	.000	.028	.056	-.015	.800
.950	.000	-.012	-.023	-.028	-.023	-.003	.024	-.033	.950
			$\alpha = 6^o$		$\beta = \infty$				
				Upper surface					
.011	-.075	-.068	-.048	-.064	-.081				.011
.025							-.032		.025
.050	-.055	-.075	-.081	-.083	-.077	-.062	-.040	-.015	.050
.100	-.052	-.077	-.088	-.084	-.083	-.078	-.049	-.031	.100
.150	-.069	-.090	-.094	-.093		-.086	-.056	-.040	.150
.200	-.057	-.090	-.100	-.097	-.101	-.086	-.068	-.038	.200
.250	-.062	-.095	-.108	-.100	-.109	-.102	-.076	-.034	.250
.300	-.067	-.088	-.108		-.102	-.112	-.088	-.040	.300
.350	-.071	-.093	-.113	-.107	-.118	-.119	-.101	-.045	.350
.400	-.078	-.096	-.116	-.126	-.127	-.127	-.112	-.051	.400
.450	-.071	-.102	-.109	-.129	-.121	-.133	-.107	-.057	.450
.500	-.090	-.097	-.121	-.133	-.134	-.139	-.121	-.057	.500
.650	-.093	-.108	-.126	-.137	-.143	-.154	-.143	-.071	.650
.800	-.105	-.128	-.135	-.143	-.138	-.135	-.152	-.109	.800
.950	-.116	-.135	-.134	-.133	-.139	-.135	-.135	-.115	.950
				Lower surface					
.011	.196	.338	.390	.362	.366				.011
.020						.353	.381		.020
.050		.279	.340	.363	.341	.320	.367	.369	.050
.100		.228	.290	.328	.331	.308	.341		.100
.150	.138	.193	.252	.289	.304	.294	.310	.311	.150
.200	.138	.175	.213	.259	.278		.277	.257	.200
.250	.132	.162	.195	.224	.251	.259	.257	.224	.250
.300	.129		.166	.203	.228	.251	.247	.207	.300
.350	.118	.124	.150	.172	.203	.230	.220	.155	.350
.400	.105	.115	.125	.155	.180	.214	.215	.138	.400
.450	.103	.103	.115	.134	.155	.196	.203	.117	.450
.500	.098	.095	.096	.122	.136	.181	.192	.089	.500
.650	.068	.068	.058	.074	.086	.122	.145	.041	.650
.800	.056	.028	.030	.037	.037	.074	.105	.012	.800
.950	.033	.019	.011	.009	.011	.037	.064	-.014	.950

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$				$\beta = 0^o$				
Upper surface									
.011	-.131	-.106	-.078	-.097	-.101				.011
.025							-.080		.025
.050	-.105	-.112	-.116	-.112	-.100	-.087	-.084	-.068	.050
.100	-.089	-.119	-.125	-.113	-.107	-.106	-.090	-.076	.100
.150	-.102	-.134	-.133	-.119		-.114	-.101	-.082	.150
.200	-.088	-.131	-.139	-.124	-.128	-.116	-.109	-.074	.200
.250	-.093	-.128	-.145	-.129	-.135	-.131	-.118	-.070	.250
.300	-.100	-.119	-.145		-.122	-.148	-.127	-.081	.300
.350	-.100	-.126	-.140	-.134	-.143	-.153	-.137	-.075	.350
.400	-.105	-.127	-.143	-.151	-.153	-.162	-.148	-.081	.400
.450	-.095	-.120	-.138	-.156	-.147	-.167	-.139	-.091	.450
.500	-.109	-.118	-.145	-.160	-.162	-.173	-.158	-.094	.500
.650	-.114	-.125	-.151	-.154	-.164	-.189	-.175	-.113	.650
.800	-.127	-.147	-.146	-.157	-.157	-.163	-.182	-.145	.800
.950	-.135	-.159	-.147	-.154	-.157	-.170	-.171	-.157	.950
Lower surface									
.011	.296	.444	.501	.490	.497				.011
.020						.465	.497		.020
.050		.346	.404	.450	.457	.429	.473	.486	.050
.100		.285	.351	.395	.412	.415	.437		.100
.150	.192	.250	.304	.347	.368	.388	.412	.398	.150
.200	.194	.224	.270	.307	.338		.376	.334	.200
.250	.185	.209	.242	.278	.307	.323	.351	.291	.250
.300	.180		.216	.248	.279	.305	.337	.270	.300
.350	.161	.178	.194	.223	.249	.286	.303	.222	.350
.400	.147	.160	.171	.203	.223	.263	.292	.201	.400
.450	.144	.147	.155	.178	.197	.250	.273	.180	.450
.500	.134	.133	.131	.165	.179	.233	.252	.147	.500
.650	.098	.103	.093	.117	.131	.171	.201	.086	.650
.800	.083	.061	.067	.068	.0□2	.119	.150	.050	.800
.950	.065	.051	.037	.036	.070	.084	.108	.015	.950
	$\alpha = 10^o$				$\beta = 0^o$				
Upper surface									
.011	-.182	-.151	-.108	-.136	-.143				.011
.025							-.109		.025
.050	-.158	-.158	-.158	-.149	-.134	-.117	-.118	-.096	.050
.100	-.140	-.163	-.164	-.149	-.143	-.133	-.124	-.103	.100
.150	-.137	-.176	-.170	-.156		-.140	-.132	-.112	.150
.200	-.127	-.167	-.175	-.161	-.161	-.139	-.138	-.100	.200
.250	-.120	-.165	-.176	-.164	-.165	-.159	-.145	-.094	.250
.300	-.130	-.156	-.176		-.157	-.181	-.153	-.105	.300
.350	-.130	-.164	-.176	-.169	-.169	-.188	-.161	-.101	.350
.400	-.127	-.153	-.176	-.184	-.176	-.194	-.170	-.108	.400
.450	-.122	-.145	-.171	-.189	-.170	-.194	-.164	-.120	.450
.500	-.130	-.143	-.180	-.194	-.184	-.201	-.177	-.125	.500
.650	-.130	-.147	-.180	-.177	-.187	-.211	-.194	-.145	.650
.800	-.149	-.165	-.163	-.189	-.181	-.184	-.199	-.177	.800
.950	-.153	-.177	-.172	-.180	-.180	-.191	-.191	-.182	.950
Lower surface									
.011	.385	.554	.617	.603	.644				.011
.020						.637	.656		.020
.050		.415	.486	.530	.555	.563	.605	.632	.050
.100		.345	.415	.455	.486	.513	.551		.100
.150	.249	.311	.359	.404	.431	.466	.506	.499	.150
.200	.261	.277	.324	.363	.400		.460	.422	.200
.250	.250	.261	.301	.332	.369	.398	.431	.378	.250
.300	.236		.273	.301	.336	.373	.410	.351	.300
.350	.221	.231	.248	.271	.309	.348	.376	.291	.350
.400	.198	.212	.221	.252	.281	.324	.359	.266	.400
.450	.194	.199	.209	.231	.260	.301	.341	.236	.450
.500	.183	.179	.188	.216	.229	.282	.312	.206	.500
.650	.137	.146	.144	.167	.174	.212	.255	.143	.650
.800	.129	.106	.114	.109	.126	.159	.198	.092	.800
.950	.109	.095	.081	.078	.091	.123	.151	.050	.950

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 12^\circ$		$\beta = 0^\circ$				
Upper surface									
.011	-.206	-.177	-.220	-.163	-.170				.011
.025							-.141		.025
.050	-.183	-.187	-.181	-.179	-.168	-.145	-.141	-.134	.050
.100	-.172	-.185	-.187	-.170	-.169	-.164	-.150	-.133	.100
.150	-.165	-.198	-.190	-.176		-.172	-.159	-.133	.150
.200	-.144	-.189	-.195	-.183	-.187	-.175	-.166	-.126	.200
.250	-.141	-.187	-.195	-.187	-.194	-.185	-.172	-.122	.250
.300	-.135	-.177	-.197		-.184	-.200	-.177	-.130	.300
.350	-.135	-.184	-.196	-.191	-.198	-.207	-.188	-.128	.350
.400	-.134	-.171	-.201	-.208	-.208	-.211	-.192	-.137	.400
.450	-.131	-.154	-.191	-.208	-.206	-.214	-.185	-.147	.450
.500	-.135	-.157	-.203	-.211	-.217	-.223	-.202	-.159	.500
.650	-.139	-.160	-.198	-.196	-.213	-.226	-.215	-.173	.650
.800	-.156	-.178	-.187	-.206	-.213	-.202	-.216	-.207	.800
.950	-.160	-.191	-.179	-.203	-.210	-.209	-.214	-.201	.950
Lower surface									
.011	.485	.634	.706	.695	.749				.011
.020						.768	.790		.020
.050		.482	.551	.600	.639	.665	.722	.762	.050
.100		.404	.475	.521	.558	.595	.645		.100
.150	.318	.371	.417	.462	.496	.538	.586	.583	.150
.200	.325	.330	.379	.421	.457		.532	.501	.200
.250	.295	.313	.348	.387	.420	.457	.500	.442	.250
.300	.283		.321	.354	.389	.428	.478	.403	.300
.350	.269	.274	.299	.327	.359	.389	.440	.353	.350
.400	.243	.255	.265	.309	.328	.375	.417	.318	.400
.450	.238	.234	.258	.285	.302	.354	.392	.284	.450
.500	.224	.219	.236	.261	.282	.334	.364	.250	.500
.650	.185	.186	.186	.214	.213	.268	.303	.177	.650
.800	.177	.150	.148	.157	.174	.206	.244	.127	.800
.950	.155	.138	.126	.127	.141	.164	.192	.076	.950
			$\alpha = 15^\circ$		$\beta = 0^\circ$				
Upper surface									
.011	-.247	-.231		-.207	-.211				.011
.025							-.201		.025
.050	-.228	-.239	-.227	-.217	-.200	-.171	-.192	-.193	.050
.100	-.224	-.234	-.231	-.208	-.202	-.193	-.183	-.176	.100
.150	-.218	-.244	-.236	-.217		-.202	-.190	-.175	.150
.200	-.193	-.236	-.242	-.220	-.219	-.202	-.195	-.165	.200
.250	-.189	-.236	-.242	-.221	-.231	-.211	-.201	-.156	.250
.300	-.188	-.226	-.236		-.209	-.227	-.208	-.163	.300
.350	-.177	-.226	-.238	-.225	-.231	-.230	-.218	-.165	.350
.400	-.177	-.213	-.238	-.243	-.238	-.237	-.221	-.173	.400
.450	-.162	-.207	-.231	-.243	-.226	-.244	-.215	-.189	.450
.500	-.171	-.209	-.238	-.240	-.238	-.243	-.226	-.195	.500
.650	-.183	-.207	-.227	-.224	-.219	-.238	-.243	-.209	.650
.800	-.193	-.231	-.220	-.233	-.228	-.219	-.239	-.238	.800
.950	-.189	-.231	-.207	-.226	-.228	-.236	-.236	-.224	.950
Lower surface									
.011	.562	.749	.821	.812	.892				.011
.020						.911	.938		.020
.050		.570	.644	.706	.755	.791	.853		.050
.100		.486	.551	.613	.660	.709	.764		.100
.150	.391	.446	.503	.551	.597	.647	.698		.150
.200	.403	.405	.459	.506	.555		.634		.200
.250	.384	.390	.431	.468	.507	.558	.593		.250
.300	.366		.403	.438	.475	.520	.564		.300
.350	.343	.358	.377	.407	.445	.483	.530		.350
.400	.317	.331	.341	.383	.414	.468			.400
.450	.309	.311	.331	.349	.391	.432			.450
.500	.299	.295	.304	.341	.370	.410			.500
.650	.251	.253	.249	.280	.301	.334			.650
.800	.239	.214	.214	.217	.239	.274			.800
.950	.222	.206	.192	.191	.206	.229			.950

[redacted]

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^o$ $\beta = 0^o$									
Upper surface									
.011	.128	.309	.040	.034	.040				.011
.025							.102		.025
.050	.093	.198	-.004	.027	.024	.051	.089	.097	.050
.100	.084	.087	.025	-.001	.008	.047	.066	.081	.100
.150	.075	.062	.034	-.013		.034	.062	.068	.150
.200	.068	.027	.026	-.013	.004	.018	.047	.051	.200
.250	.058	.018	.032	-.006	-.004	.007	.033	.031	.250
.300	.036	-.002	.013		-.014	-.007	.023	.024	.300
.350	.013	.000	.006	-.004	-.020	-.017	.004	.009	.350
.400	-.009	-.008	-.011	-.001	-.027	-.026	-.007	.002	.400
.450	-.024	-.023	-.034	-.011	-.037	-.038	-.032	-.005	.450
.500	-.027	-.030	-.027	-.021	-.027	-.053	-.027	-.008	.500
.650	-.057	-.068	-.063	-.063	-.062	-.072	-.059	-.037	.650
.800	-.051	-.080	-.087	-.077	-.080	-.099	-.090	-.046	.800
.950	-.072	-.088	-.101	-.101	-.082	-.069	-.074	-.064	.950
Lower surface									
.011	-.019	-.062	.221	.132	.127				.011
.020						.146	.165		.020
.050		-.032	.183	.139	.120	.130	.146	.144	.050
.100		.002	.120	.135	.104	.111	.134		.100
.150	-.026	-.009	.076	.119	.106	.090	.116	.113	.150
.200	-.030	.005	.058	.092	.100		.105	.102	.200
.250	-.027	.011	.040	.071	.089	.071	.090	.067	.250
.300	-.022		.028	.044	.077	.058	.074	.079	.300
.350	-.006	-.004	.015	.033	.060	.048	.077	.050	.350
.400	-.002	-.013	.009	.013	.036	.041	.056	.033	.400
.450		-.006	-.012	.006	.026	.034	.041	.023	.450
.500	-.001	-.014	-.004	-.013	.015	.023	.020	.015	.500
.650	-.016	-.026	-.036	-.034	-.032	-.005	.000	-.011	.650
.800	-.034	-.048	-.062	-.074	-.054	-.039	-.032	-.029	.800
.950	-.051	-.069	-.072	-.074	-.069	-.065	-.060	-.043	.950
$\alpha = 2^o$ $\beta = 0^o$									
Upper surface									
.011	.059	.097	-.032	-.027	-.006				.011
.025							.042		.025
.050	.056	.080	-.052	-.032	-.025	-.011	.032	.042	.050
.100	.051	.018	-.030	-.057	-.042	-.014	.013	.027	.100
.150	.044	-.001	-.021	-.063		-.026	.007	.015	.150
.200	.030	-.045	-.019	-.063	-.049	-.046	-.007	.007	.200
.250	.020	-.030	-.013	-.056	-.059	-.044	-.020	-.006	.250
.300	.023	-.046	-.030		-.066	-.050	-.031	-.011	.300
.350	.002	-.038	-.034	-.052	-.074	-.064	-.050	-.019	.350
.400	-.026	-.046	-.044	-.049	-.077	-.075	-.057	-.027	.400
.450	-.042	-.056	-.062	-.056	-.089	-.085	-.083	-.030	.450
.500	-.046	-.061	-.059	-.063	-.081	-.094	-.072	-.037	.500
.650	-.063	-.093	-.087	-.099	-.100	-.113	-.096	-.061	.650
.800	-.064	-.099	-.109	-.107	-.109	-.122	-.129	-.069	.800
.950	-.084	-.110	-.122	-.121	-.096	-.096	-.097	-.090	.950
Lower surface									
.011	.025	.040	.314	.217	.204				.011
.020						.201	.234		.020
.050		.047	.221	.239	.197	.187	.217	.209	.050
.100		.047	.159	.216	.180	.165	.200		.100
.150	-.001	.051	.126	.172	.186	.147	.175	.167	.150
.200	.005	.053	.104	.140	.173		.157	.146	.200
.250	.008	.056	.084	.118	.147	.135	.141	.111	.250
.300	.011		.069	.093	.117	.119	.124	.120	.300
.350	.025	.047	.054	.075	.100	.113	.123	.085	.350
.400	.026	.032	.041	.057	.078	.100	.104	.063	.400
.450	.029	.029	.026	.049	.067	.097	.092	.040	.450
.500	.029	.020	.025	.029	.047	.081	.078	.034	.500
.650	.011	-.001	-.006	.000	.005	.032	.054	.000	.650
.800	-.014	-.020	-.032	-.035	-.026	-.005	.018	-.029	.800
.950	-.028	-.044	-.049	-.050	-.046	-.037	-.018	-.039	.950

[redacted]

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 4^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	-.021	.029	-.043	-.062	-.057				.011
.025							-.007		.025
.050	-.010	.010	-.081	-.071	-.067	-.050	-.014	.002	.050
.100	-.013	-.036	-.074	-.089	-.078	-.055	-.036	-.010	.100
.150	-.014	-.048	-.068	-.095		-.061	-.034	-.021	.150
.200	-.026	-.067	-.074	-.102	-.081	-.074	-.048	-.021	.200
.250	-.031	-.071	-.074	-.102	-.090	-.075	-.063	-.030	.250
.300	-.026	-.089	-.078		-.097	-.095	-.072	-.031	.300
.350	-.038	-.083	-.077	-.100	-.107	-.105	-.083	-.039	.350
.400	-.049	-.100	-.084	-.095	-.114	-.112	-.093	-.045	.400
.450	-.063	-.093	-.095	-.093	-.122	-.118	-.114	-.051	.450
.500	-.078	-.088	-.086	-.099	-.116	-.125	-.112	-.051	.500
.650	-.090	-.114	-.107	-.120	-.131	-.144	-.129	-.076	.650
.800	-.093	-.125	-.126	-.127	-.131	-.144	-.150	-.088	.800
.950	-.116	-.138	-.140	-.132	-.128	-.127	-.127	-.121	.950
				Lower surface					
.011	.084	.137	.361	.317	.296				.011
.020						.285	.306		.020
.050		.126	.259	.321	.287	.266	.290	.289	.050
.100	.042	.109	.214	.268	.282	.238	.266		.100
.150	.041	.105	.180	.224	.256	.227	.242	.243	.150
.200	.054	.098	.155	.196	.231		.217	.208	.200
.250	.055	.095	.137	.169	.201	.210	.203	.167	.250
.300	.050		.116	.146	.175	.197	.185	.168	.300
.350	.058	.090	.096	.127	.157	.181	.187	.124	.350
.400	.056	.072	.083	.105	.132	.157	.167	.099	.400
.450	.060	.070	.067	.091	.117	.144	.158	.078	.450
.500	.056	.056	.065	.075	.096	.129	.134	.064	.500
.650	.037	.030	.028	.044	.050	.077	.105	.019	.650
.800	.020	.009	.001	.001	.012	.035	.065	-.013	.800
.950	.000	-.014	-.016	-.016	-.009	.005	.021	-.026	.950
			$\alpha = 6^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	-.090	-.080	-.068	-.107	-.104				.011
.025							-.057		.025
.050	-.076	-.081	-.114	-.114	-.114	-.105	-.077	-.052	.050
.100	-.069	-.096	-.112	-.133	-.127	-.105	-.077	-.059	.100
.150	-.065	-.098	-.115	-.137		-.108	-.089	-.052	.150
.200	-.075	-.102	-.118	-.139	-.128	-.121	-.102	-.059	.200
.250	-.075	-.101	-.123	-.143	-.137	-.121	-.109	-.055	.250
.300	-.067	-.117	-.121		-.140	-.133	-.124	-.064	.300
.350	-.073	-.108	-.126	-.144	-.148	-.149	-.133	-.070	.350
.400	-.079	-.113	-.128	-.143	-.153	-.155	-.152	-.071	.400
.450	-.092	-.117	-.143	-.148	-.167	-.162	-.150	-.074	.450
.500	-.088	-.112	-.128	-.152	-.163	-.182	-.165	-.112	.500
.650	-.113	-.131	-.144	-.167	-.177	-.171	-.171	-.127	.650
.800	-.117	-.142	-.153	-.161	-.163	-.155	-.152	-.163	.800
.950	-.143	-.157	-.163	-.152	-.159	-.050	-.036		.950
				Lower surface					
.011	.005	.276	.398	.411	.402				.011
.020						.371	.399		.020
.050		.239	.321	.376	.382	.345	.371	.386	.050
.100		.192	.276	.327	.349	.334	.344		.100
.150	.102	.170	.238	.282	.314	.320	.318	.324	.150
.200	.109	.153	.211	.252	.286		.300	.282	.200
.250	.112	.146	.186	.226	.258	.282	.284	.235	.250
.300	.109		.165	.199	.225	.255	.270	.227	.300
.350	.107	.121	.142	.174	.205	.233	.266	.177	.350
.400	.100	.108	.131	.153	.181	.218	.242	.153	.400
.450	.095	.111	.112	.137	.162	.193	.228	.130	.450
.500	.090	.094	.111	.119	.146	.176	.205	.112	.500
.650	.071	.064	.074	.085	.090	.122	.160	.069	.650
.800	.053	.040	.036	.039	.054	.074	.112	.030	.800
.950	.030	.019	.011	.020	.030	.036	.068	.008	.950

[redacted]

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 8^o$ $\beta = 0^o$									
Upper surface									
.011	-.177	-.134	-.124	-.138	-.136				.011
.025							-.087		.025
.050	-.138	-.143	-.149	-.145	-.145	-.136	-.095	-.079	.050
.100	-.117	-.162	-.155	-.159	-.155	-.137	-.111	-.087	.100
.150	-.114	-.153	-.162	-.165		-.144	-.107	-.090	.150
.200	-.123	-.148	-.168	-.173	-.155	-.156	-.119	-.088	.200
.250	-.117	-.145	-.171	-.175	-.164	-.157	-.130	-.094	.250
.300	-.105	-.153	-.165		-.164	-.162	-.136	-.093	.300
.350	-.109	-.136	-.164	-.177	-.176	-.169	-.150	-.099	.350
.400	-.113	-.133	-.164	-.177	-.178	-.180	-.157	-.102	.400
.450	-.124	-.136	-.176	-.178	-.190	-.181	-.174	-.107	.450
.500	-.126	-.136	-.164	-.181	-.192	-.188	-.170	-.112	.500
.650	-.133	-.155	-.175	-.190	-.199	-.200	-.192	-.156	.650
.800	-.143	-.159	-.170	-.183	-.178	-.195	-.188	-.167	.800
.950	-.158	-.178	-.178	-.183	-.183	-.178	-.182	-.196	.950
Lower surface									
.011	.209	.419	.499	.502	.537				.011
.020						.495	.514		.020
.050		.316	.403	.451	.478	.466	.483	.495	.050
.100		.258	.339	.392	.427	.439	.448		.100
.150	.155	.232	.297	.338	.380	.411	.425	.411	.150
.200	.164	.207	.261	.301	.350		.392	.350	.200
.250	.166	.199	.241	.274	.315	.348	.366	.301	.250
.300	.162		.215	.242	.282	.320	.348	.287	.300
.350	.157	.172	.192	.221	.259	.297	.329	.235	.350
.400	.142	.159	.179	.197	.228	.269	.309	.210	.400
.450	.143	.147	.159	.180	.212	.249	.287	.185	.450
.500	.133	.135	.152	.166	.185	.232	.259	.165	.500
.650	.102	.103	.108	.128	.132	.173	.205	.109	.650
.800	.090	.073	.075	.074	.097	.115	.153	.049	.800
.950	.071	.057	.043	.050	.068	.075	.105	.029	.950
$\alpha = 10^o$ $\beta = 0^o$									
Upper surface									
.011	-.224	-.171	-.130	-.162	-.155				.011
.025							-.121		.025
.050	-.200	-.181	-.167	-.164	-.167	-.159	-.132	-.117	.050
.100	-.159	-.200	-.178	-.178	-.176	-.159	-.145	-.120	.100
.150	-.145	-.186	-.180	-.186		-.168	-.150	-.120	.150
.200	-.140	-.181	-.195	-.195	-.178	-.175	-.159	-.115	.200
.250	-.138	-.178	-.195	-.197	-.186	-.177	-.164	-.120	.250
.300	-.127	-.184	-.190		-.182	-.197	-.172	-.115	.300
.350	-.127	-.168	-.191	-.200	-.194	-.201	-.182	-.124	.350
.400	-.128	-.155	-.190	-.203	-.200	-.206	-.189	-.132	.400
.450	-.132	-.152	-.200	-.203	-.212	-.213	-.199	-.134	.450
.500	-.132	-.146	-.193	-.205	-.209	-.216	-.197	-.143	.500
.650	-.140	-.169	-.203	-.207	-.209	-.222	-.215	-.180	.650
.800	-.147	-.175	-.183	-.201	-.201	-.214	-.208	-.202	.800
.950	-.167	-.190	-.187	-.201	-.201	-.201	-.203	-.212	.950
Lower surface									
.011	.333	.527	.605	.605	.661				.011
.020						.659	.671		.020
.050		.393	.474	.529	.568	.579	.612	.641	.050
.100		.331	.404	.456	.479	.520	.557		.100
.150	.224	.293	.357	.403	.441	.474	.515	.509	.150
.200	.241	.264	.322	.365	.407		.466	.431	.200
.250	.233	.255	.296	.329	.373	.403	.436	.381	.250
.300	.222		.270	.304	.338	.376	.414	.352	.300
.350	.213	.225	.248	.274	.308	.351	.391	.310	.350
.400	.191	.205	.221	.256	.282	.326	.367	.275	.400
.450	.190	.193	.208	.240	.260	.302	.346	.243	.450
.500	.179	.179	.193	.214	.232	.276	.316	.214	.500
.650	.144	.146	.147	.166	.174	.218	.261	.147	.650
.800	.129	.114	.106	.114	.135	.165	.201	.096	.800
.950	.110	.097	.078	.094	.106	.126	.150	.063	.950

[redacted]

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 12^o$ $\beta = 0^o$									
Upper surface									
.011	-.241	-.207	-.168	-.206	-.196				.011
.025							-.153		.025
.050	-.224	-.215	-.203	-.206	-.203	-.193	-.153	-.144	.050
.100	-.201	-.232	-.213	-.214	-.213	-.196	-.165	-.144	.100
.150	-.175	-.224	-.224	-.222		-.201	-.168	-.141	.150
.200	-.164	-.213	-.232	-.227	-.222	-.208	-.180	-.137	.200
.250	-.158	-.206	-.225	-.231	-.229	-.215	-.187	-.144	.250
.300	-.146	-.215	-.216		-.219	-.218	-.191	-.140	.300
.350	-.147	-.196	-.219	-.229	-.229	-.224	-.199	-.149	.350
.400	-.149	-.177	-.221	-.232	-.234	-.229	-.206	-.157	.400
.450	-.146	-.172	-.228	-.239	-.239	-.233	-.213	-.161	.450
.500	-.149	-.174	-.225	-.232	-.239	-.234	-.218	-.170	.500
.650	-.157	-.193	-.235	-.226	-.233	-.227	-.233	-.203	.650
.800	-.163	-.202	-.204	-.229	-.228	-.220	-.222	-.232	.800
.950	-.180	-.215	-.206	-.224	-.229	-.220	-.222	-.220	.950
Lower surface									
.011	.449	.615	.694	.695	.764				.011
.020						.783	.797		.020
.050		.475	.537	.604	.637	.678	.716	.758	.050
.100		.394	.468	.521	.561	.599	.643		.100
.150	.288	.356	.412	.460	.501	.549	.590	.594	.150
.200	.302	.319	.374	.421	.468		.538	.508	.200
.250	.290	.310	.346	.392	.430	.468	.503	.441	.250
.300	.271		.323	.357	.398	.436	.480	.395	.300
.350	.262	.270	.299	.331	.364	.409	.447	.358	.350
.400	.241	.249	.267	.306	.335	.381	.421	.325	.400
.450	.236	.239	.257	.294	.316	.356	.395	.288	.450
.500	.222	.222	.243	.271	.292	.332	.365	.257	.500
.650	.186	.189	.187	.220	.225	.267	.306	.180	.650
.800	.175	.153	.146	.159	.181	.208	.242	.126	.800
.950	.156	.140	.130	.135	.150	.167	.187	.087	.950
$\alpha = 15^o$ $\beta = 0^o$									
Upper surface									
.011	-.247	-.239	-.199	-.225	-.222				.011
.025							-.208		.025
.050	-.234	-.246	-.234	-.228	-.211	-.191	-.191	-.199	.050
.100	-.227	-.246	-.239	-.225	-.213	-.199	-.187	-.182	.100
.150	-.214	-.244	-.246	-.231		-.208	-.193	-.177	.150
.200	-.187	-.245	-.252	-.234	-.227	-.201	-.202	-.163	.200
.250	-.180	-.246	-.252	-.234	-.235	-.224	-.206	-.163	.250
.300	-.175	-.233	-.244		-.219	-.240	-.212	-.168	.300
.350	-.165	-.218	-.245	-.237	-.240	-.245	-.222	-.172	.350
.400	-.170	-.216	-.249	-.251	-.246	-.249	-.226	-.181	.400
.450	-.170	-.212	-.241	-.246	-.237	-.258	-.222	-.193	.450
.500	-.184	-.215	-.245	-.246	-.244	-.259	-.234	-.202	.500
.650	-.186	-.222	-.244	-.232	-.237	-.251	-.249	-.220	.650
.800	-.184	-.234	-.219	-.243	-.237	-.234	-.250	-.251	.800
.950	-.187	-.245	-.218	-.241	-.237	-.243	-.244	-.233	.950
Lower surface									
.011	.524	.743	.813	.811	.882				.011
.020						.912	.936		.020
.050		.566	.639	.685	.745	.792	.850	.898	.050
.100		.482	.555	.601	.648	.703	.766	.788	.100
.150	.371	.444	.501	.545	.591	.642	.704	.692	.150
.200	.398	.400	.456	.500	.544		.641	.611	.200
.250	.387	.390	.429	.465	.507	.557	.600	.535	.250
.300	.369		.407	.434	.467	.523	.571	.501	.300
.350	.353	.360	.378	.404	.436	.491	.539	.436	.350
.400	.323	.332	.342	.380	.410	.462	.509	.401	.400
.450	.315	.310	.329	.357	.387	.432	.488	.359	.450
.500	.300	.297	.310	.338	.365	.411	.448	.325	.500
.650	.252	.248	.257	.282	.295	.329	.391	.250	.650
.800	.243	.215	.211	.216	.238	.274	.322	.186	.800
.950	.224	.206	.190	.192	.205	.231	.248	.137	.950

[redacted]

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^o$ $\beta = 0^o$									
Upper surface									
.011	.307	.259	-.008	.008	.040				.011
.025							.091		.025
.050	.219	.255	-.025	-.008	.023	.052	.077	.100	.050
.100	.194	.179	.018	-.018	.001	.039	.063	.082	.100
.150	.175	.125	.019	-.020		.036	.053	.063	.150
.200	.138	.084	.057	-.011	-.015	.023	.039	.049	.200
.250	.107	.065	.068	-.004	-.026	.011	.025	.037	.250
.300	.071	.046	.045		-.019	-.008	.011	.025	.300
.350	.045	.030	.032	.002	-.023	-.024	-.004	.014	.350
.400	.019	.015	.015	.001	-.023	-.037	-.012	.005	.400
.450	.006	.002	-.006	.013	-.023	-.052	-.023	-.004	.450
.500	-.011	-.011	-.012	.007	-.025	-.065	-.030	-.010	.500
.650	-.034	-.045	-.046	-.037	-.039	-.077	-.056	-.029	.650
.800	-.038	-.063	-.072	-.070	-.049	-.084	-.089	-.042	.800
.950	-.058	-.071	-.091	-.091	-.074	-.069	-.075	-.058	.950
Lower surface									
.011	-.070	-.053	.198	.152	.159				.011
.020						.158	.161		.020
.050		-.069	.160	.159	.137	.138	.159		.050
.100		-.086	.125	.147	.122	.123	.158		.100
.150	-.096	-.105	.089	.127	.109	.110			.150
.200	-.078	-.118	.071	.110	.103				.200
.250	-.062	-.148	.048	.089	.094	.075			.250
.300	-.039		.015	.072	.082	.067			.300
.350	-.022	-.132	-.022	.043	.065	.058			.350
.400	-.004	-.113	-.041	.022	.047	.049			.400
.450	.026	-.074	-.048	-.002	.037	.041			.450
.500	.026	-.057	-.049	-.023	.020	.036			.500
.650	-.016	-.034	-.065	-.056	-.036	-.008			.650
.800	-.053	-.072	-.061	-.085	-.075	-.029			.800
.950	-.075	-.094	-.061	-.083	-.094	-.055			.950
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	.148	.064	-.087	-.067	-.053				.011
.025							-.011		.025
.050	.116	.017	-.088	-.081	-.056	-.037	-.021	.000	.050
.100	.102	-.013	-.048	-.090	-.071	-.051	-.031	-.010	.100
.150	.084	-.026	-.062	-.086		-.062	-.039	-.020	.150
.200	.076	-.071	-.038	-.071	-.086	-.059	-.053	-.020	.200
.250	.059	-.074	-.038	-.069	-.100	-.083	-.063	-.019	.250
.300	.071	-.063	-.064		-.083	-.091	-.070	-.030	.300
.350	.036	-.064	-.086	-.050	-.100	-.105	-.082	-.034	.350
.400	-.010	-.067	-.080	-.050	-.100	-.113	-.091	-.039	.400
.450	-.023	-.069	-.074	-.050	-.089	-.121	-.089	-.046	.450
.500	-.040	-.064	-.087	-.064	-.096	-.127	-.108	-.052	.500
.650	-.064	-.082	-.100	-.088	-.103	-.144	-.122	-.058	.650
.800	-.070	-.105	-.122	-.119	-.114	-.124	-.141	-.084	.800
.950	-.081	-.110	-.135	-.128	-.128	-.122	-.116	-.100	.950
Lower surface									
.011	-.044	-.065	.279	.439	.367				.011
.020						.299	.304		.020
.050		-.028	.168	.342	.365	.271	.293	.305	.050
.100		-.001	.145	.255	.312	.275	.276		.100
.150	-.034	.037	.130	.203	.256	.273	.254	.249	.150
.200	-.019	.068	.118	.165	.219		.228	.208	.200
.250	-.013	.075	.104	.136	.179	.224	.216	.174	.250
.300	-.009		.091	.118	.153	.194	.210	.165	.300
.350	.011	.077	.075	.098	.126	.176	.195	.120	.350
.400	.034	.065	.060	.079	.106	.157	.188	.102	.400
.450	.035	.047	.054	.068	.079	.136	.174	.083	.450
.500	.050	.044	.039	.056	.072	.118	.155	.061	.500
.650	.037	.033	.013	.020	.029	.061	.102	.025	.650
.800	.014	-.001	-.002	-.011	-.007	.016	.057	.000	.800
.950	-.007	-.020	-.027	-.028	-.029	-.016	.020	-.021	.950

[redacted]

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 8^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	-.029	-.105	-.124	-.106	-.108				.011
.025							-.086		.025
.050	-.031	-.115	-.128	-.118	-.095	-.084	-.096	-.075	.050
.100	-.042	-.100	-.126	-.118	-.105	-.100	-.099	-.081	.100
.150	-.067	-.106	-.131	-.124		-.107	-.114	-.090	.150
.200	-.051	-.107	-.127	-.122	-.124	-.102	-.119	-.083	.200
.250	-.058	-.103	-.125	-.120	-.129	-.120	-.129	-.077	.250
.300	-.071	-.105	-.127		-.114	-.154	-.135	-.090	.300
.350	-.075	-.108	-.129	-.120	-.135	-.153	-.143	-.083	.350
.400	-.083	-.114	-.128	-.131	-.141	-.162	-.151	-.088	.400
.450	-.077	-.118	-.118	-.134	-.127	-.167	-.143	-.100	.450
.500	-.095	-.115	-.125	-.137	-.147	-.171	-.157	-.110	.500
.650	-.115	-.127	-.124	-.133	-.138	-.183	-.178	-.121	.650
.800	-.125	-.144	-.134	-.144	-.141	-.152	-.173	-.159	.800
.950	-.128	-.158	-.150	-.147	-.145	-.162	-.166	-.160	.950
				Lower surface					
.011	.127	.372	.498	.511	.539				.011
.020						.495	.486		.020
.050		.273	.386	.439	.470	.456	.465	.486	.050
.100		.223	.320	.377	.416	.425	.435		.100
.150	.116	.207	.280	.330	.368	.398	.407	.393	.150
.200	.127	.181	.245	.290	.334		.367	.330	.200
.250	.119	.172	.221	.256	.298	.334	.341	.282	.250
.300	.130		.197	.231	.269	.313	.331	.262	.300
.350	.123	.162	.178	.203	.245	.287	.293	.217	.350
.400	.116	.143	.153	.183	.217	.269	.283	.195	.400
.450	.122	.126	.147	.161	.188	.230	.264	.169	.450
.500	.119	.113	.125	.151	.174	.210	.245	.138	.500
.650	.092	.092	.091	.108	.122	.147	.187	.086	.650
.800	.081	.057	.067	.056	.077	.102	.136	.041	.800
.950	.058	.047	.037	.037	.048	.061	.096	.009	.950
			$\alpha = 12^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	-.128	-.171	-.134	-.167	-.178				.011
.025							-.148		.025
.050	-.097	-.182	-.183	-.178	-.173	-.148	-.156	-.141	.050
.100	-.105	-.169	-.189	-.173	-.172	-.171	-.158	-.146	.100
.150	-.133	-.178	-.194	-.176		-.176	-.171	-.146	.150
.200	-.113	-.178	-.195	-.179	-.190	-.170	-.179	-.143	.200
.250	-.113	-.169	-.188	-.183	-.195	-.190	-.186	-.137	.250
.300	-.128	-.145	-.185			-.210	-.190	-.146	.300
.350	-.126	-.154	-.186	-.182	-.197	-.216	-.198	-.140	.350
.400	-.124	-.157	-.190	-.194	-.204	-.222	-.207	-.148	.400
.450	-.116	-.162	-.178	-.196	-.195	-.227	-.196	-.163	.450
.500	-.127	-.160	-.190	-.196	-.208	-.230	-.216	-.173	.500
.650	-.133	-.160	-.162	-.195	-.197	-.222	-.226	-.186	.650
.800	-.157	-.181	-.166	-.209	-.202	-.196	-.217	-.226	.800
.950	-.164	-.196	-.178	-.200	-.198	-.213	-.215	-.215	.950
				Lower surface					
.011	.258	.585	.679	.688	.754				.011
.020						.768	.776		.020
.050		.435	.522	.588	.627	.660	.705	.741	.050
.100		.360	.445	.499	.546	.585	.630		.100
.150	.248	.333	.398	.445	.483	.536	.571	.574	.150
.200	.259	.300	.358	.405	.446		.518	.487	.200
.250	.254	.293	.331	.372	.410	.452	.485	.427	.250
.300	.249		.311	.342	.383	.419	.460	.391	.300
.350	.237	.259	.282	.313	.354	.391	.424	.335	.350
.400	.220	.235	.249	.298	.321	.370	.405	.304	.400
.450	.223	.220	.237	.269	.303	.334	.379	.271	.450
.500	.216	.207	.217	.252	.266	.315	.351	.241	.500
.650	.181	.180	.175	.200	.214	.251	.292	.169	.650
.800	.174	.144	.140	.146	.167	.195	.234	.108	.800
.950	.152	.134	.122	.123	.134	.154	.178	.070	.950

TABLE VIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 15^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.198	-.220	-.194	-.208	-.218				.011
.025							-.210		.025
.050	-.156	-.222	-.215	-.216	-.205	-.189	-.201	-.190	.050
.100	-.158	-.210	-.222	-.210	-.210	-.203	-.191	-.182	.100
.150	-.164	-.218	-.226	-.215		-.211	-.199	-.177	.150
.200	-.153	-.217	-.226	-.217	-.232	-.204	-.205	-.172	.200
.250	-.146	-.210	-.224	-.218	-.236	-.229	-.213	-.161	.250
.300	-.146	-.184	-.220		-.203	-.233	-.216	-.171	.300
.350	-.142	-.184	-.222	-.220	-.237	-.237	-.222	-.171	.350
.400	-.148	-.189	-.227	-.236	-.237	-.243	-.228	-.182	.400
.450	-.141	-.192	-.218	-.233	-.229	-.247	-.221	-.195	.450
.500	-.156	-.191	-.232	-.234	-.242	-.250	-.236	-.204	.500
.650	-.163	-.191	-.204	-.224	-.223	-.237	-.248	-.218	.650
.800	-.180	-.210	-.197	-.241	-.236	-.224	-.236	-.248	.800
.950	-.176	-.220	-.202	-.241	-.236	-.236	-.237	-.229	.950
Lower surface									
.011	.439	.701	.798	.800	.870				.011
.020						.909	.924		.020
.050		.535	.625	.690	.729	.783	.842	.878	.050
.100		.457	.538	.604	.641	.697	.751		.100
.150	.353	.428	.493	.537	.581	.637	.688	.675	.150
.200	.376	.389	.443	.489	.536		.626	.586	.200
.250	.362	.383	.418	.457	.496	.543	.588	.515	.250
.300	.350		.397	.426	.463	.510	.554	.481	.300
.350	.338	.341	.362	.394	.436	.484	.520	.419	.350
.400	.311	.313	.328	.384	.405	.457	.498	.380	.400
.450	.304	.299	.320	.346	.380	.419	.471	.345	.450
.500	.292	.286	.298	.328	.361	.399	.437	.307	.500
.650	.245	.244	.248	.270	.293	.315	.361	.235	.650
.800	.229	.208	.208	.209	.235	.264	.305	.168	.800
.950	.213	.195	.183	.190	.201	.214	.238	.114	.950

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION

(a) $\delta_c = 0^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^o$ $\beta = 0^o$									
Upper surface									
.011	.040	.136	.128	.124	.123				.011
.025							.084		.025
.050	.025	.094	.108	.115	.104	.089	.076	.094	.050
.100	.014	.041	.092	.082	.091	.079	.059	.077	.100
.150	.007	.025	.065	.066		.071	.063	.058	.150
.200	-.006	.007	.033	.057	.075	.058	.053	.040	.200
.250	-.008	-.001	.015	.039	.060	.059	.045		.250
.300	-.001	-.019	-.001			.051	.040	.015	.300
.350	-.005	-.015	-.013	.006	.034	.038	.025	-.001	.350
.400	-.017	-.026	-.026	-.005	.019	.028	.018	-.008	.400
.450	-.027	-.030	-.041	-.020	-.001	.018	.001	-.013	.450
.500	-.026	-.032	-.040	-.032	-.008	.007	.005	-.017	.500
.650	-.052	-.063	-.065	-.072	-.058	-.023	-.020	-.040	.650
.800	-.050	-.073	-.082	-.085	-.085	-.072	-.046	-.049	.800
.950	-.107	-.084	-.097	-.077	-.079	-.072	-.040	-.044	.950
Lower surface									
.011	.014	.135	.191	.146	.166				.011
.020						.146	.114		.020
.050		.075	.154	.147	.152	.128	.103	.110	.050
.100		.042	.121	.132	.125	.108	.096		.100
.150	.000	.030	.084	.113	.115	.094	.090	.073	.150
.200	.007	.014	.054	.092	.107		.084	.056	.200
.250	.003	.014	.033	.073	.087	.084	.078	.027	.250
.300	-.002		.019	.048	.073	.070	.066	.037	.300
.350	.005	.005	.002	.029	.055	.057	.070	.012	.350
.400	-.006	-.009	-.006	.006	.035	.045	.052	-.006	.400
.450	-.006	-.012	-.021	-.006	.020	.041	.037	-.013	.450
.500	-.015	-.021	-.015	-.023	.003	.035	.024	-.015	.500
.650	-.030	-.042	-.044	-.045	-.043	-.005	.007	-.036	.650
.800	-.051	-.058	-.070	-.076	-.076	-.041	-.024		.800
.950	-.064	-.075	-.089	-.080	-.087	-.073	-.049		.950
$\alpha = 2^o$ $\beta = 0^o$									
Upper surface									
.011	.013	.072	.034	.041	.052				.011
.025							.037		.025
.050	.002	.031	.015	.030	.036	.025	.024	.041	.050
.100	-.008	-.008	.015	.000	.019	.019	.007	.022	.100
.150	-.018	-.022	-.004	-.008		.012	.009	.007	.150
.200	-.036	-.039	-.022	-.019	.004	-.004	-.001	-.005	.200
.250	-.037	-.046	-.036	-.028	-.011	-.002	-.007		.250
.300	-.032	-.058	-.046			-.009	-.013	-.020	.300
.350	-.036	-.056	-.056	-.052	-.032	-.019	-.028	-.031	.350
.400	-.051	-.064	-.066	-.059	-.045	-.031	-.033	-.038	.400
.450	-.060	-.067	-.082	-.072	-.062	-.039	-.051	-.040	.450
.500	-.058	-.067	-.081	-.079	-.064	-.050	-.047	-.045	.500
.650	-.081	-.092	-.104	-.111	-.104	-.078	-.069	-.066	.650
.800	-.077	-.102	-.118	-.121	-.129	-.122	-.095	-.073	.800
.950	-.114	-.116	-.118	-.101	-.107	-.085	-.067	-.081	.950
Lower surface									
.011	.033	.175	.306	.245	.242				.011
.020						.216	.178		.020
.050		.121	.238	.250	.227	.197	.171	.168	.050
.100		.089	.184	.225	.213	.182	.163		.100
.150	.019	.073	.141	.189	.202	.171	.154	.128	.150
.200	.026	.057	.107	.155	.183		.144	.103	.200
.250	.028	.058	.087	.125	.156	.154	.134	.066	.250
.300	.030		.065	.097	.129	.141	.125	.080	.300
.350	.035	.037	.047	.073	.106	.134	.128	.043	.350
.400	.026	.023	.035	.052	.085	.115	.112	.029	.400
.450	.026	.023	.020	.037	.064	.108	.104	.019	.450
.500	.019	.009	.019	.020	.049	.092	.087	.010	.500
.650	-.002	-.012	-.013	-.008	-.005	.040	.064	-.013	.650
.800	-.021	-.034	-.038	-.042	-.038	-.007	.027	-.036	.800
.950	-.040	-.049	-.059	-.059	-.062	-.043	-.008	-.038	.950

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 4^o$				$\beta = 0^o$				
	Upper surface								
.011	-.049	-.006	-.033	-.026	-.007				.011
.025							-.021		.025
.050	-.049	-.043	-.050	-.032	-.025	-.032	-.032	-.012	.050
.100	-.055	-.073	-.056	-.062	-.041	-.032	-.047	-.028	.100
.150	-.062	-.078	-.073	-.072		-.040	-.046	-.037	.150
.200	-.076	-.090	-.086	-.083	-.050	-.055	-.055	-.040	.200
.250	-.076	-.091	-.095	-.091	-.064	-.050	-.060		.250
.300	-.068	-.108	-.103			-.060	-.066	-.050	.300
.350	-.071	-.100	-.107	-.110	-.088	-.071	-.081	-.059	.350
.400	-.081	-.107	-.111	-.109	-.098	-.081	-.083	-.065	.400
.450	-.096	-.107	-.124	-.122	-.116	-.090	-.104	-.066	.450
.500	-.090	-.108	-.120	-.128	-.115	-.100	-.095	-.070	.500
.650	-.110	-.128	-.140	-.152	-.152	-.123	-.114	-.091	.650
.800	-.108	-.133	-.152	-.152	-.161	-.165	-.130	-.105	.800
.950		-.145	-.146	-.133	-.140	-.130	-.107	-.130	.950
	Lower surface								
.011	.052	.260	.398	.350	.332				.011
.020						.289	.254		.020
.050		.185	.295	.340	.324	.275	.240	.234	.050
.100		.138	.239	.287	.303	.266	.235		.100
.150	.051	.120	.191	.241	.273	.256	.226	.189	.150
.200	.059	.101	.160	.203	.245		.219	.161	.200
.250	.063	.094	.132	.170	.210	.233	.212		.250
.300	.059		.111	.142	.177	.208	.198	.128	.300
.350	.064	.078	.090	.117	.152	.191	.205	.091	.350
.400	.057	.068	.068	.093	.128	.168	.191	.071	.400
.450	.055	.062	.058	.079	.110	.159	.182	.057	.450
.500	.048	.049	.057	.057	.090	.138	.159	.051	.500
.650	.028	.024	.019	.026	.035	.079	.119	.021	.650
.800	.008	-.006	-.010	-.016	.001	.031	.068	-.009	.800
.950	-.010	-.021	-.035	-.030	-.023	-.008	.026	-.016	.950
	$\alpha = 6^o$				$\beta = 0^o$				
	Upper surface								
.011	-.108	-.064	-.079	-.065	-.040				.011
.025							-.057		.025
.050	-.089	-.095	-.091	-.072	-.059	-.070	-.066	-.049	.050
.100	-.090	-.121	-.104	-.095	-.076	-.066	-.085	-.063	.100
.150	-.091	-.120	-.116	-.106		-.073	-.084	-.071	.150
.200	-.102	-.123	-.135	-.115	-.090	-.086	-.093	-.064	.200
.250	-.102	-.122	-.136	-.123	-.099	-.084	-.095		.250
.300	-.093	-.131	-.137			-.095	-.104	-.070	.300
.350	-.097	-.125	-.137	-.137	-.120	-.104	-.112	-.078	.350
.400	-.105	-.129	-.142	-.141	-.131	-.114	-.117	-.083	.400
.450	-.117	-.133	-.150	-.149	-.147	-.122	-.131	-.082	.450
.500	-.109	-.130	-.142	-.154	-.146	-.131	-.125	-.083	.500
.650	-.125	-.142	-.159	-.167	-.182	-.151	-.142	-.123	.650
.800	-.122	-.151	-.161	-.161	-.164	-.186	-.150	-.137	.800
.950		-.160	-.159	-.149	-.156	-.151	-.131	-.167	.950
	Lower surface								
.011	.133	.347	.490	.478	.481				.011
.020						.405	.342		.020
.050		.249	.369	.424	.439	.404	.326	.324	.050
.100		.201	.298	.354	.386	.385	.329		.100
.150	.100	.179	.249	.303	.342	.360	.333	.268	.150
.200	.114	.156	.213	.261	.305		.324	.228	.200
.250	.116	.146	.187	.230	.268	.305	.310	.185	.250
.300	.111		.165	.197	.235	.275	.295	.194	.300
.350	.112	.133	.143	.172	.203	.255	.283	.159	.350
.400	.100	.112	.129	.147	.182	.224	.263	.140	.400
.450	.100	.107	.109	.132	.161	.208	.244	.123	.450
.500	.091	.091	.107	.109	.140	.186	.217	.116	.500
.650	.066	.063	.063	.077	.086	.127	.169	.075	.650
.800	.048	.030	.031	.028	.044	.071	.115	.033	.800
.950	.030	.015	.003	.007	.017	.035	.066	.009	.950

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.159	-.111	-.117	-.104	-.079				.011
.025							-.088		.025
.050	-.136	-.129	-.131	-.116	-.098	-.102	-.099	-.079	.050
.100	-.129	-.162	-.136	-.129	-.111	-.107	-.115	-.090	.100
.150	-.127	-.159	-.148	-.141		-.111	-.116	-.092	.150
.200	-.127	-.155	-.162	-.149	-.124	-.123	-.124	-.086	.200
.250	-.131	-.152	-.169	-.161	-.135	-.120	-.131		.250
.300	-.122	-.160	-.168			-.127	-.133	-.097	.300
.350	-.122	-.153	-.167	-.170	-.149	-.137	-.144	-.102	.350
.400	-.129	-.153	-.166	-.175	-.163	-.148	-.149	-.103	.400
.450	-.137	-.150	-.173	-.185	-.178	-.155	-.162	-.111	.450
.500	-.131	-.148	-.170	-.186	-.175	-.161	-.157	-.111	.500
.650	-.147	-.155	-.185	-.194	-.204	-.180	-.174	-.159	.650
.800	-.140	-.165	-.178	-.182	-.182	-.210	-.172	-.179	.800
.950		-.173	-.179	-.178	-.180	-.180	-.160	-.201	.950
Lower surface									
.011	.202	.425	.576	.588	.623				.011
.020						.589	.499		.020
.050		.316	.437	.500	.524	.529	.499	.443	.050
.100		.262	.359	.423	.483	.479	.476		.100
.150	.144	.232	.311	.363	.407	.443	.446	.393	.150
.200	.164	.212	.271	.318	.370		.412	.344	.200
.250	.167	.202	.239	.289	.330	.365	.384	.297	.250
.300	.162		.220	.257	.297	.334	.367	.283	.300
.350	.157	.181	.199	.232	.269	.310	.346	.243	.350
.400	.148	.157	.175	.206	.241	.283	.320	.219	.400
.450	.144	.146	.156	.185	.217	.260	.298	.192	.450
.500	.137	.129	.143	.165	.191	.245	.270	.168	.500
.650	.106	.104	.101	.123	.129	.178	.218	.115	.650
.800	.091	.070	.065	.070	.084	.125	.157	.069	.800
.950	.073	.055	.040	.047	.052	.086	.108	.031	.950
	$\alpha = 10^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.220	-.166	-.161	-.156	-.130				.011
.025							-.123		.025
.050	-.204	-.178	-.172	-.155	-.143	-.136	-.133	-.107	.050
.100	-.174	-.210	-.186	-.179	-.159	-.133	-.150	-.118	.100
.150	-.171	-.208	-.194	-.190		-.142	-.149	-.118	.150
.200	-.173	-.203	-.201	-.194	-.167	-.158	-.160	-.111	.200
.250	-.163	-.198	-.206	-.203	-.176	-.158	-.168		.250
.300	-.156	-.205	-.208			-.166	-.168	-.120	.300
.350	-.156	-.187	-.206	-.210	-.191	-.174	-.179	-.127	.350
.400	-.158	-.175	-.205	-.212	-.198	-.182	-.178	-.137	.400
.450	-.166	-.175	-.217	-.220	-.212	-.190	-.193	-.142	.450
.500	-.158	-.172	-.210	-.220	-.207	-.197	-.185	-.153	.500
.650	-.162	-.180	-.224	-.221	-.230	-.211	-.199	-.192	.650
.800	-.166	-.185	-.198	-.210	-.211	-.232	-.199	-.213	.800
.950	-.188	-.193	-.200	-.205	-.210	-.211	-.190	-.221	.950
Lower surface									
.011	.253	.515	.653	.668	.735				.011
.020						.725	.679		.020
.050		.380	.493	.561	.611	.628	.628	.625	.050
.100		.316	.403	.480	.528	.561	.573		.100
.150		.284	.361	.418	.472	.508	.527	.498	.150
.200	.230	.266	.331	.372	.425		.482	.428	.200
.250	.227	.259	.297	.344	.373	.427	.449	.375	.250
.300	.216		.273	.310	.343	.396	.421	.355	.300
.350	.212	.233	.256	.277	.318	.362	.403	.291	.350
.400	.197	.205	.223	.260	.288	.337	.371	.265	.400
.450	.191	.195	.211	.240	.267	.310	.353	.238	.450
.500	.182	.182	.196	.217	.246	.286	.323	.213	.500
.650	.145	.145	.149	.167	.179	.217	.262	.149	.650
.800	.127	.111	.111	.106	.129	.171	.200	.094	.800
.950	.112	.094	.080	.085	.101	.126	.148	.062	.950

[redacted]

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 12^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	-.266	-.205	-.193	-.192	-.168				.011
.025							-.166		.025
.050	-.245	-.210	-.199	-.182	-.173	-.169	-.168	-.141	.050
.100	-.207	-.235	-.212	-.201	-.182	-.165	-.179	-.150	.100
.150	-.198	-.243	-.224	-.211		-.173	-.179	-.144	.150
.200	-.191	-.233	-.235	-.217	-.194	-.182	-.190	-.140	.200
.250	-.186	-.229	-.237	-.224	-.203	-.182	-.197		.250
.300	-.178	-.238	-.238			-.192	-.204	-.143	.300
.350	-.178	-.224	-.233	-.232	.220	-.200	-.212	-.154	.350
.400	-.181	-.206	-.236	-.239	.229	-.206	-.211	-.166	.400
.450	-.184	-.200	-.238	-.245	-.237	-.214	-.220	-.171	.450
.500	-.181	-.197	-.237	-.244	-.242	-.220	-.217	-.180	.500
.650	-.186	-.210	-.249	-.236	-.249	-.236	-.227	-.218	.650
.800	-.178	-.204	-.221	-.231	-.236	-.246	-.217	-.243	.800
.950	-.224	-.213	-.218	-.220	-.232	-.231	-.217	-.237	.950
Lower surface									
.011	.359	.584	.709	.735	.811				.011
.020						.829	.811		.020
.050		.431	.538	.629	.676	.723	.730	.756	.050
.100		.364	.459	.529	.589	.629	.657		.100
.150		.327	.408	.467	.523	.575	.605	.587	.150
.200	.273	.301	.364	.422	.480		.547	.503	.200
.250	.265	.294	.340	.389	.438	.487	.513	.448	.250
.300	.256		.317	.360	.396	.442	.487	.415	.300
.350	.247	.265	.294	.323	.374	.416	.459	.357	.350
.400	.226	.234	.259	.307	.340		.434	.322	.400
.450	.219	.226	.249	.282	.313	.366	.406	.287	.450
.500	.210	.210	.231	.265	.287	.343	.375	.260	.500
.650	.168	.175	.186	.206	.220	.266	.312	.189	.650
.800	.161	.142	.145	.150	.171	.214	.252	.128	.800
.950	.142	.128	.114	.125	.140	.162	.183	.087	.950
$\alpha = 15^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	-.271	-.249	-.227	-.219	-.220				.011
.025							-.221		.025
.050	-.264	-.247	-.221	-.207	-.199	-.209	-.200	-.193	.050
.100	-.262	-.241	-.228	-.211	-.206	-.201	-.196	-.180	.100
.150	-.240	-.250	-.240	-.220		-.200	-.200	-.172	.150
.200	-.200	-.240	-.246	-.228	-.218	-.199	-.206	-.167	.200
.250	-.186	-.250	-.250	-.236	-.227	-.206	-.212		.250
.300	-.193	-.243	-.252			-.213	-.219	-.167	.300
.350	-.188	-.251	-.251	-.244	-.241	-.221	-.226	-.174	.350
.400	-.188	-.237	-.252	-.256	-.244	-.228	-.230	-.185	.400
.450	-.183	-.224	-.245	-.258	-.245	-.231	-.227	-.194	.450
.500	-.188	-.223	-.249	-.253	-.257	-.238	-.236	-.202	.500
.650	-.193	-.219	-.246	-.241	-.250	-.250	-.245	-.233	.650
.800	-.200	-.224	-.246	-.251	-.247	-.240	-.228	-.259	.800
.950	-.234	-.214	-.232	-.234	-.239	-.244	-.230	-.239	.950
Lower surface									
.011	.444	.691	.823	.850	.928				.011
.020						.946	.948		.020
.050		.530	.644	.726	.787	.820	.863	.899	.050
.100		.455	.551	.620	.684	.729	.770	.801	.100
.150		.424	.495	.557	.609	.660	.709	.696	.150
.200	.365	.388	.444	.509	.560		.650	.610	.200
.250	.352	.385	.427	.473	.522	.572	.607	.540	.250
.300	.346		.409	.444	.480	.531	.581	.501	.300
.350	.335	.348	.373	.411	.451	.491	.545	.434	.350
.400	.312	.318	.334	.388	.423	.462	.514	.398	.400
.450	.304	.304	.325	.358	.395	.447	.483	.360	.450
.500	.293	.285	.306	.341	.363	.424	.452	.325	.500
.650	.246	.243	.246	.274	.291	.335	.385	.249	.650
.800	.229	.204	.205	.211	.239	.280	.319	.182	.800
.950	.215	.198	.183	.178	.204	.225	.249	.135	.950

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TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^o$ $\beta = 0^o$								
Upper surface									
.011	.120	.337	.057	.109	.112				.011
.025							.086		.025
.050	.077	.249	.043	.091	.103	.088	.075	.092	.050
.100	.066	.092	.070	.065	.082	.078	.059	.072	.100
.150	.059	.056	.063	.049		.072	.058	.057	.150
.200	.049	.021	.041	.041	.059	.064	.047	.039	.200
.250	.047	.014	.032	.041	.044	.053	.040		.250
.300	.033	-.002	.012			.041	.033	.012	.300
.350	.013	-.001	-.002	.020	.020	.030	.019	.002	.350
.400	-.009	-.009	-.014	.004	.013	.017	.014	-.005	.400
.450	-.019	-.017	-.026	-.009	.006	.005	.007	-.012	.450
.500	-.026	-.024	-.028	-.022	-.006	-.007	-.001	-.018	.500
.650	-.043	-.054	-.053	-.059	-.045	-.036	-.021	-.038	.650
.800	-.043	-.071	-.076	-.073	-.073	-.067	-.050	-.050	.800
.950	-.091	-.076	-.091	-.082	-.083	-.066	-.040	-.038	.950
Lower surface									
.011	-.036	-.047	.290	.181	.179				.011
.020						.148	.116		.020
.050		-.049	.204	.192	.162	.130	.111	.109	.050
.100		.005	.126	.185	.149	.119	.102		.100
.150	-.041	-.010	.086	.140	.142	.109	.094	.075	.150
.200	-.049	.006	.044	.104	.133		.083	.051	.200
.250	-.049	-.001	.029	.076	.113	.092	.073	.034	.250
.300	-.048		.008	.045	.087	.087	.068	.040	.300
.350	-.029	-.023	-.005	.019	.062	.079	.059	.008	.350
.400	-.016	-.027	-.015	.003	.036	.069	.052	-.001	.400
.450	-.008	-.027	-.028	-.015	.017	.066	.045	-.010	.450
.500	-.010	-.036	-.034	-.028	-.002	.050	.034	-.015	.500
.650	-.030	-.040	-.058	-.056	-.045	.001	.010	-.030	.650
.800	-.050	-.064	-.073	-.085	-.073	-.042	-.013	-.045	.800
.950	-.066	-.078	-.086	-.097	-.090	-.076	-.041	-.040	.950
	$\alpha = 2^o$ $\beta = 0^o$								
Upper surface									
.011	.069	.185	-.007	.052	.054				.011
.025							.033		.025
.050	.057	.116	-.021	.025	.045	.038	.019	.033	.050
.100	.046	.047	.008	.007	.032	.022	.012	.024	.100
.150	.034	-.007	.014	-.005		.022	.005	.008	.150
.200	.033	-.028	-.002	-.014	.000	.019	-.001	-.005	.200
.250	.026	-.024	-.008	-.008	-.014	-.002	-.009		.250
.300	.021	-.028	-.031			-.012	-.015	-.019	.300
.350	-.009	-.033	-.036	-.024	-.039	-.020	-.026	-.025	.350
.400	-.033	-.039	-.047	-.044	-.045	-.031	-.036	-.031	.400
.450	-.038	-.047	-.047	-.053	-.044	-.040	-.033	-.040	.450
.500	-.049	-.050	-.062	-.062	-.054	-.053	-.045	-.045	.500
.650	-.059	-.070	-.076	-.078	-.075	-.082	-.065	-.058	.650
.800	-.067	-.092	-.099	-.099	-.114	-.095	-.092	-.073	.800
.950	-.107	-.095	-.111	-.096	-.095	-.089	-.069	-.066	.950
Lower surface									
.011	-.002	-.013	.389	.287	.263				.011
.020						.219			.020
.050		-.010	.255	.301	.242	.190			.050
.100		.013	.183	.243	.252	.195			.100
.150	-.033	.035	.125	.193	.218	.186			.150
.200	-.033	.043	.097	.149	.189				.200
.250	-.033	.041	.077	.108	.163	.172			.250
.300	-.021		.056	.086	.133	.163			.300
.350	-.009	.026	.038	.056	.106	.144			.350
.400	.005	.009	.017	.041	.078	.119			.400
.450	.014	-.001	.010	.020	.045				.450
.500	.015	-.009	-.008	.007	.031				.500
.650	-.009	-.014	-.036	-.030	-.015				.650
.800	-.026	-.044	-.047	-.061	-.050				.800
.950	-.044	-.058	-.066	-.075	-.075				.950

[redacted]

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	.032	.057	-.056	-.001	.007				.011
.025							-.012		.025
.050	.018	.021	-.067	-.022	.004	-.004	-.022	.000	.050
.100	.014	-.017	-.050	-.032	-.014	-.013	-.031	-.012	.100
.150	.001	-.047	-.050	-.045		-.021	-.038	-.024	.150
.200	.001	-.071	-.056	-.054	-.043	-.021	-.045	-.030	.200
.250	-.009	-.083	-.062	-.057	-.052	-.036	-.054		.250
.300	-.022	-.083	-.066			-.047	-.062	-.041	.300
.350	-.031	-.080	-.071	-.060	-.073	-.060	-.067	-.046	.350
.400	-.047	-.084	-.080	-.079	-.089	-.070		-.051	.400
.450	-.063	-.090	-.076	-.085	-.082	-.080	-.069	-.060	.450
.500	-.078	-.089	-.079	-.090	-.099	-.090	-.084	-.067	.500
.650	-.079	-.099	-.091	-.102	-.105	-.114	-.098	-.075	.650
.800	-.088	-.125	-.105	-.123	-.130	-.128	-.120	-.097	.800
.950	-.114	-.125	-.121	-.112	-.111	-.118	-.095	-.103	.950
Lower surface									
.011	.032	.121	.448	.422	.381				.011
.020						.305	.245		.020
.050		.055	.313	.375	.370	.292	.247	.252	.050
.100	.007	.079	.231	.303	.335	.302	.242		.100
.150	.000	.083	.185	.239	.290	.296	.236	.201	.150
.200	.013	.076	.157	.196	.246		.222	.153	.200
.250	.016	.080	.133	.164	.206	.250	.222	.128	.250
.300	.027		.114	.136	.177	.227	.227	.116	.300
.350	.038	.068	.086	.111	.153	.200	.203	.083	.350
.400	.047	.055	.064	.093	.122	.176	.196	.072	.400
.450	.052	.044	.059	.072	.100	.161	.183	.058	.450
.500	.052	.034	.043	.059	.079	.140	.170	.045	.500
.650	.029	.023	.015	.017	.036	.079	.114	.028	.650
.800	.009	-.012	-.006	-.015	-.008	.028	.069	.014	.800
.950	-.009	-.024	-.033	-.034	-.035	-.003	.033	-.007	.950
$\alpha = 6^o$ $\beta = 0^o$									
Upper surface									
.011	-.026	-.025	-.090	-.050	-.043				.011
.025							-.059		.025
.050	-.027	-.050	-.109	-.073	-.044	-.047	-.069	-.040	.050
.100	-.027	-.069	-.102	-.081	-.059	-.062	-.075	-.052	.100
.150	-.044	-.095	-.098	-.095		-.066	-.084	-.064	.150
.200	-.040	-.109	-.102	-.107	-.085	-.064	-.085	-.062	.200
.250	-.047	-.114	-.104	-.107	-.097	-.084	-.091		.250
.300	-.063	-.115	-.105			-.092	-.100	-.072	.300
.350	-.071	-.110	-.110	-.110	-.114	-.102	-.109	-.076	.350
.400	-.083	-.129	-.121	-.128	-.127	-.113	-.116	-.082	.400
.450	-.082	-.129	-.109	-.129	-.122	-.120	-.107	-.092	.450
.500	-.103	-.120	-.116	-.133	-.142	-.129	-.123	-.088	.500
.650	-.109	-.126	-.127	-.132	-.142	-.149	-.137	-.105	.650
.800	-.117	-.147	-.137	-.152	-.153	-.158	-.152	-.133	.800
.950	-.126	-.151	-.149	-.147	-.142	-.151	-.129	-.141	.950
Lower surface									
.011	.060	.139	.507	.517	.531				.011
.020						.447	.317		.020
.050		.145	.356	.430	.457	.426	.324	.331	.050
.100		.148	.280	.353	.393	.402			.100
.150	.040	.147	.236	.294	.341	.372		.267	.150
.200	.048	.136	.201	.250	.296		.323	.210	.200
.250	.049	.132	.175	.212	.261	.299	.310	.184	.250
.300	.064		.156	.184	.227	.273	.301	.173	.300
.350	.076	.112	.135	.153	.199	.247	.266	.145	.350
.400	.079	.098	.105	.138	.170	.217	.254	.145	.400
.450	.084	.082	.097	.114	.142	.205	.236	.131	.450
.500	.082	.072	.078	.103	.124	.183	.213	.103	.500
.650	.051	.055	.044	.056	.073	.120	.156	.065	.650
.800	.036	.019	.026	.016	.028	.066	.104	.035	.800
.950	.017	.006	-.007	-.007	-.001	.030	.065	.002	.950

[redacted]

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 8^o$		$\beta = 0^o$				
				Upper surface					
.011	-.085	-.076	-.128	-.091	-.088				.011
.025							-.094		.025
.050	-.077	-.104	-.140	-.120	-.088	-.073	-.104	-.076	.050
.100	-.082	-.116	-.149	-.121	-.101	-.089	-.111	-.088	.100
.150	-.090	-.139	-.140	-.129		-.095	-.122	-.094	.150
.200	-.086	-.143	-.140	-.137	-.123	-.097	-.130	-.085	.200
.250	-.092	-.144	-.141	-.143	-.133	-.115	-.131		.250
.300	-.107	-.137	-.142			-.130	-.129	-.092	.300
.350	-.104	-.142	-.148	-.149	-.143	-.140	-.135	-.095	.350
.400	-.120	-.152	-.150	-.163	-.157	-.149	-.144	-.098	.400
.450	-.108	-.149	-.140	-.165	-.153	-.157	-.135	-.111	.450
.500	-.126	-.150	-.147	-.163	-.172	-.161	-.149	-.111	.500
.650	-.136	-.143	-.146	-.160	-.169	-.175	-.166	-.137	.650
.800	-.135	-.167	-.156	-.178	-.173	-.180	-.180	-.169	.800
.950	-.144	-.176	-.170	-.168	-.168	-.175	-.159	-.178	.950
				Lower surface					
.011	.155	.294	.560	.596	.647				.011
.020						.621			.020
.050		.235	.410	.500	.538	.545			.050
.100		.212	.338	.408	.460	.487			.100
.150	.104	.197	.284	.352	.402	.442			.150
.200	.117	.184	.253	.303	.359				.200
.250	.112	.182	.233	.274	.319	.365			.250
.300	.119		.214	.245	.283	.334			.300
.350	.120	.163	.186	.216	.255	.303			.350
.400	.121	.142	.155	.192	.227	.276			.400
.450	.125	.130	.147	.172	.199				.450
.500	.123	.119	.126	.157	.177				.500
.650	.090	.091	.092	.108	.118				.650
.800	.075	.050	.061	.062	.076				.800
.950	.054	.043	.030	.036	.042				.950
			$\alpha = 10^o$		$\beta = 0^o$				
				Upper surface					
.011	-.122	-.124	-.151	-.121	-.113				.011
.025							-.116		.025
.050	-.110	-.139	-.160	-.145	-.114	-.097	-.129	-.100	.050
.100	-.115	-.148	-.166	-.143	-.127	-.114	-.136	-.110	.100
.150	-.129	-.167	-.167	-.154		-.128	-.147	-.115	.150
.200	-.113	-.167	-.173	-.161	-.154	-.123	-.153	-.109	.200
.250	-.121	-.167	-.174	-.168	-.166	-.145	-.158		.250
.300	-.133	-.158	-.173			-.153	-.160	-.114	.300
.350	-.133	-.166	-.174	-.173	-.178	-.161	-.160	-.110	.350
.400	-.137	-.166	-.172	-.185	-.188	-.169	-.164	-.119	.400
.450	-.129	-.162	-.162	-.185	-.183	-.179		-.135	.450
.500	-.143	-.162	-.171	-.185	-.197	-.185	-.168	-.143	.500
.650	-.141	-.160	-.164	-.180	-.197	-.203	-.184	-.164	.650
.800	-.153	-.167	-.168	-.194	-.196	-.196	-.192	-.198	.800
.950	-.153	-.184	-.180	-.175	-.193	-.197	-.178	-.196	.950
				Lower surface					
.011	.220	.423	.626	.667	.745				.011
.020						.748	.686		.020
.050		.321	.470	.561	.612	.643	.633	.625	.050
.100		.281	.393	.472	.524	.566	.578		.100
.150	.159	.253	.345	.412	.463	.515	.529	.500	.150
.200	.174	.239	.307	.364	.416		.477	.422	.200
.250	.171	.227	.283	.329	.378	.426	.445	.376	.250
.300	.174		.260	.300	.337	.393	.424	.342	.300
.350	.175	.218	.240	.269	.315	.362	.390	.294	.350
.400	.163	.191	.205	.250	.281	.327	.369	.267	.400
.450	.167	.178	.197	.224	.253	.308	.344	.238	.450
.500	.167	.164	.178	.209	.229	.283	.317	.203	.500
.650	.134	.135	.129	.155	.171	.211	.252	.140	.650
.800	.120	.091	.106	.104	.126	.159	.197	.086	.800
.950	.100	.084	.071	.077	.090	.115	.145	.048	.950

[redacted]

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 12^o$ $\beta = 0^o$									
Upper surface									
.011	-.180	-.162	-.178	-.150	-.144				.011
.025							-.150		.025
.050	-.165	-.174	-.186	-.167	-.139	-.127	-.154	-.131	.050
.100	-.153	-.185	-.194	-.172	-.152	-.142	-.161	-.140	.100
.150	-.159	-.203	-.198	-.185		-.150	-.173	-.140	.150
.200	-.147	-.199	-.201	-.191	-.179	-.149	-.181	-.134	.200
.250	-.154	-.199	-.206	-.194	-.190	-.169	-.187		.250
.300	-.163	-.188	-.206			-.179	-.190	-.139	.300
.350	-.162	-.194	-.206	-.201	-.201	-.187	-.192	-.136	.350
.400	-.166	-.187	-.205	-.218	-.210	-.194	-.195	-.146	.400
.450	-.154	-.188	-.194	-.217	-.206	-.203		-.161	.450
.500	-.167	-.187	-.208	-.213	-.221	-.210	-.197	-.169	.500
.650	-.155	-.171	-.190	-.201	-.213	-.223	-.208	-.186	.650
.800	-.180	-.192	-.184	-.216	-.216	-.214	-.207	-.221	.800
.950	-.168	-.195	-.193	-.208	-.216	-.221	-.203	-.212	.950
Lower surface									
.011	.226	.531	.688	.724	.815				.011
.020						.838	.809		.020
.050		.388	.520	.611	.672	.716	.735	.759	.050
.100		.332	.436	.517	.576	.629	.651		.100
.150	.218	.311	.389	.452	.510	.569	.601	.590	.150
.200	.242	.286	.350	.408	.464		.534	.500	.200
.250	.234	.282	.325	.366	.429	.475	.507	.439	.250
.300	.234		.307	.344	.389	.439	.481	.403	.300
.350	.225	.253	.281	.310	.358	.409	.442	.348	.350
.400	.209	.230	.246	.297	.331	.373	.422	.316	.400
.450	.206	.216	.234	.268	.301	.359	.395	.284	.450
.500	.203	.203	.213	.251	.275	.337	.373	.251	.500
.650	.164	.171	.174	.196	.211	.260	.300	.178	.650
.800	.156	.132	.140	.141	.158	.203	.244	.120	.800
.950	.141	.124	.108	.112	.121	.158	.188	.075	.950
$\alpha = 15^o$ $\beta = 0^o$									
Upper surface									
.011	-.243	-.231	-.219	-.208	-.210				.011
.025							-.222		.025
.050	-.234	-.228	-.215	-.208	-.183	-.195	-.204	-.196	.050
.100	-.229	-.223	-.222	-.208	-.191	-.195	-.196	-.184	.100
.150	-.221	-.243	-.231	-.213		-.197	-.205	-.179	.150
.200	-.173	-.238	-.238	-.222	-.210	-.189	-.210	-.173	.200
.250	-.176	-.241	-.242	-.227	-.218	-.202	-.217		.250
.300	-.189	-.231	-.243			-.213	-.224	-.176	.300
.350	-.186	-.243	-.244	-.234	-.229	-.219	-.228	-.176	.350
.400	-.189	-.221	-.247	-.250	-.238	-.227	-.236	-.186	.400
.450	-.177	-.215	-.234	-.255	-.234	-.234		-.203	.450
.500	-.186	-.211	-.247	-.255	-.249	-.240	-.238	-.210	.500
.650	-.181	-.210	-.236	-.236	-.243	-.254	-.242	-.228	.650
.800	-.193	-.217	-.229	-.248	-.247	-.238	-.227	-.262	.800
.950	-.197	-.227	-.213	-.236	-.240	-.246	-.231	-.241	.950
Lower surface									
.011	.340	.669	.813	.839	.930				.011
.020						.939	.949		.020
.050		.509	.631	.722	.785	.820	.862	.903	.050
.100		.438	.543	.621	.680	.726	.770		.100
.150		.405	.487	.552	.612	.663	.710	.700	.150
.200	.329	.377	.448	.503	.558		.645	.609	.200
.250	.329	.372	.421	.468	.516	.567	.607	.540	.250
.300	.324		.399	.438	.480	.529	.573	.501	.300
.350	.317	.340	.364	.400	.446	.494	.543	.439	.350
.400	.301	.309	.333	.378	.415	.460	.515	.400	.400
.450	.294	.295	.319	.352	.385	.445	.487	.361	.450
.500	.288	.282	.298	.331	.361	.420	.450	.324	.500
.650	.246	.244	.249	.273	.285	.331	.385	.244	.650
.800	.232	.209	.211	.209	.233	.277	.314	.179	.800
.950	.218	.200	.183	.181	.198	.224	.247	.131	.950

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 0^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	.259	.418	-.041	.026	.076				.011
.025							.049		.025
.050	.180	.278	-.039	.024	.049	.040	.038	.078	.050
.100	.172	.128	.008	-.019	.026	.046	.012	.058	.100
.150	.169	.086	.015	-.027		.040	.023	.040	.150
.200	.134	.049	.039	-.015	.012	.019	.013	.023	.200
.250	.092	.032	.047	-.009	-.002	.027	.004		.250
.300	.056	-.004	.019			.013	-.002	-.004	.300
.350	.025	.014	.007	-.012	-.026	-.001	-.012	-.019	.350
.400	-.004	-.004	-.006	-.007	-.032	-.012	-.018	-.027	.400
.450	-.021	-.020	-.032	-.014	-.044	-.021		-.033	.450
.500	-.019	-.023	-.031	-.024	-.031	-.036	-.028	-.040	.500
.650	-.053	-.063	-.071	-.064	-.062	-.066	-.046	-.064	.650
.800	-.041	-.075	-.095	-.085	-.078	-.114	-.073	-.072	.800
.950	-.069	-.077	-.110	-.102	-.095	-.072	-.058	-.069	.950
				Lower surface					
.011	-.089	-.140	.336	.246	.238				.011
.020						.154	.110		.020
.050		-.150	.239	.253	.227	.164	.092	.119	.050
.100		-.157	.181	.211	.203	.153	.084		.100
.150	-.113	-.171	.126	.172	.192	.155	.086	.082	.150
.200	-.107	-.158	.069	.141	.174		.096	.072	.200
.250	-.091	-.125	.030	.104	.139	.146	.091	.034	.250
.300	-.058		.002	.065	.111	.127		.050	.300
.350	.012	-.082	-.023	.038	.089	.113	.107	.014	.350
.400	.028	-.065	-.017	.010	.058	.099	.093	-.005	.400
.450	.005	-.042	-.038	-.003	.041	.082	.085	-.019	.450
.500	-.027	-.051	-.026	-.033	.020	.065	.066	-.007	.500
.650	-.026	-.050	-.047	-.050	-.041	.012	.049	-.024	.650
.800	-.023	-.063	-.056	-.092	-.069	-.035	.007	-.040	.800
.950	-.049	-.080	-.080	-.083	-.084	-.071	-.031	-.033	.950
			$\alpha = 4^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	.123	-.011	-.170	-.088	-.039				.011
.025							-.043		.025
.050	.080	-.071	-.142	-.098	-.062	-.051	-.059	-.017	.050
.100	.071	-.121	-.104	-.127	-.078	-.046	-.076	-.033	.100
.150	.071	-.135	-.039	-.118		-.060	-.071	-.043	.150
.200	.047	-.122	-.059	-.108	-.091	-.078	-.078	-.047	.200
.250	.052	-.117	-.071	-.108	-.102	-.076	-.077		.250
.300	.021	-.124	-.092			-.079	-.076	-.059	.300
.350	-.017	-.080	-.106	-.110	-.116	-.089	-.084	-.071	.350
.400	-.046	-.080	-.104	-.104	-.118	-.098	-.088	-.073	.400
.450	-.071	-.086	-.109	-.103	-.136	-.109		-.078	.450
.500	-.075	-.090	-.097	-.110	-.115	-.118	-.101	-.085	.500
.650	-.099	-.125	-.124	-.128	-.150	-.138	-.124	-.108	.650
.800	-.092	-.123	-.143	-.140	-.151	-.175	-.141	-.119	.800
.950	-.116	-.123	-.158	-.154	-.140	-.136	-.123	-.156	.950
				Lower surface					
.011	-.066	-.145	.535	.526	.503				.011
.020						.368	.227		.020
.050		-.114	.311	.421	.438	.375	.213	.244	.050
.100		-.040	.198	.317	.363	.367	.243		.100
.150	-.042	.041	.154	.247	.305	.339	.269	.192	.150
.200	-.045	.061	.145	.199	.258		.283	.162	.200
.250	-.035	.074	.111	.170	.212	.270	.277	.118	.250
.300	-.050		.090	.142	.173	.237	.267		.300
.350	-.002	.059	.070	.116	.154	.209	.253	.088	.350
.400	.038	.048	.056	.086	.127	.179	.229	.073	.400
.450	.051	.050	.044	.077	.104	.158	.211	.071	.450
.500	.051	.044	.040	.054	.085	.137	.182	.073	.500
.650	.035	.029	.014	.026	.029	.079	.128	.059	.650
.800	.012	.008	-.012	-.023	-.002	.028	.073	.029	.800
.950	-.012	-.016	-.031	-.031	-.027	-.008	.029	.001	.950

[redacted]

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$ $\beta = 0^o$								
Upper surface									
.011	-.143	-.096	-.185	-.156	-.123				.011
.025							-.120		.025
.050	-.114	-.125	-.168	-.163	-.141	-.106	-.133	-.095	.050
.100	-.109	-.157	-.161	-.182	-.154	-.112	-.149	-.112	.100
.150	-.097	-.144	-.177	-.192		-.123	-.149	-.109	.150
.200	-.097	-.151	-.179	-.192	-.170	-.140	-.151	-.104	.200
.250	-.091	-.161	-.173	-.193	-.180	-.144	-.146		.250
.300	-.079	-.174	-.167			-.157	-.147	-.111	.300
.350	-.085	-.173	-.162	-.194	-.196	-.167	-.148	-.118	.350
.400	-.092	-.174	-.156	-.183	-.204	-.175	-.154	-.124	.400
.450	-.117	-.180	-.172	-.182	-.211	-.182		-.125	.450
.500	-.109	-.180	-.164	-.177	-.202	-.193	-.161	-.134	.500
.650	-.142	-.187	-.168	-.189	-.211	-.208	-.180	-.180	.650
.800	-.147	-.192	-.177	-.176	-.206	-.220	-.199	-.204	.800
.950	-.167	-.189	-.189	-.183	-.200	-.201	-.180	-.213	.950
Lower surface									
.011	.121	.200	.496	.600	.665				.011
.020						.665	.575		.020
.050		.168	.352	.490	.541	.572	.544	.457	.050
.100		.158	.298	.397	.455	.502	.509		.100
.150		.168	.260	.336	.399	.452	.470	.419	.150
.200	.116	.175	.235	.295	.350		.426	.367	.200
.250	.121	.179	.215	.268	.308	.369	.400	.318	.250
.300	.115		.201	.236	.277	.335	.373	.305	.300
.350	.119	.164	.179	.213	.248	.304	.352	.258	.350
.400	.114	.142	.161	.187	.224	.276	.326	.229	.400
.450	.118	.133	.143	.175	.205	.256	.305	.204	.450
.500	.113	.119	.137	.154	.184	.235	.271	.179	.500
.650	.088	.092	.095	.106	.121	.171	.214	.119	.650
.800	.073	.062	.061	.057	.081	.121	.157	.066	.800
.950	.056	.043	.035	.037	.052	.079	.107	.033	.950
	$\alpha = 10^o$ $\beta = 0^o$								
Upper surface									
.011	-.200	-.210	-.186	-.186	-.152				.011
.025							-.148		.025
.050	-.171	-.217	-.190	-.187	-.165	-.136	-.155	-.124	.050
.100	-.152	-.229	-.204	-.203	-.179	-.140	-.171	-.137	.100
.150	-.143	-.207	-.226	-.211		-.156	-.172	-.135	.150
.200	-.147	-.191	-.236	-.216	-.192	-.168	-.175	-.132	.200
.250	-.136	-.186	-.224	-.223	-.200	-.169	-.174		.250
.300	-.124	-.192	-.217			-.181	-.172	-.135	.300
.350	-.122	-.179	-.204	-.233	-.217	-.190	-.177	-.145	.350
.400	-.128	-.182	-.199	-.225	-.225	-.198	-.177	-.155	.400
.450	-.143	-.186	-.210	-.220	-.233	-.205		-.162	.450
.500	-.149	-.178	-.191	-.220	-.235	-.213	-.184	-.168	.500
.650	-.165	-.187	-.187	-.230	-.232	-.230	-.203	-.204	.650
.800	-.161	-.195	-.195	-.203	-.223	-.241	-.214	-.231	.800
.950	-.180	-.206	-.206	-.207	-.223	-.224	-.201	-.226	.950
Lower surface									
.011	.184	.436	.569	.645	.732				.011
.020						.754	.712		.020
.050		.328	.435	.542	.602	.646	.647	.635	.050
.100		.270	.371	.455	.511	.563	.585		.100
.150		.245	.325	.395	.453	.509	.536	.507	.150
.200	.176	.227	.300	.351	.408		.487	.436	.200
.250	.177	.220	.276	.321	.366	.423	.456	.374	.250
.300	.170		.256	.290	.331	.385	.422	.353	.300
.350	.168	.208	.228	.265	.307	.358	.405	.304	.350
.400	.159	.180	.205	.240	.270	.325	.375	.269	.400
.450	.153	.173	.194	.223	.253	.304	.351	.240	.450
.500	.148	.157	.181	.202	.228	.283	.321	.213	.500
.650	.126	.124	.134	.149	.167	.216	.260	.148	.650
.800	.113	.096	.096	.092	.119	.157	.199	.090	.800
.950	.096	.080	.068	.073	.087	.115	.142	.055	.950

[redacted]

TABLE IX

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 12^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	-.230	-.220	-.220	-.213	-.190				.011
.025							-.190		.025
.050	-.209	-.228	-.220	-.209	-.190	-.173	-.186	-.161	.050
.100	-.188	-.242	-.234	-.222	-.199	-.171	-.192	-.167	.100
.150	-.174	-.239	-.243	-.226		-.178	-.197	-.161	.150
.200	-.166	-.237	-.249	-.235	-.215	-.190	-.204	-.158	.200
.250	-.164	-.223	-.244	-.244	-.222	-.202	-.204		.250
.300	-.149	-.206	-.237			-.204	-.206	-.162	.300
.350	-.146	-.191	-.238	-.250	-.235	-.213	-.207	-.171	.350
.400	-.154	-.196	-.244	-.252	-.243	-.222	-.209	-.184	.400
.450	-.164	-.194	-.244	-.248	-.248	-.228		-.190	.450
.500	-.161	-.194	-.245	-.247	-.255	-.237	-.216	-.197	.500
.650	-.186	-.209	-.216	-.245	-.245	-.249	-.231	-.230	.650
.800	-.175	-.202	-.211	-.254	-.244	-.249	-.230	-.254	.800
.950	-.190	-.220	-.213	-.241	-.244	-.242	-.224	-.239	.950
				Lower surface					
.011	.254	.536	.664	.714	.806				.011
.020						.842	.818		.020
.050		.402	.507	.608	.665	.725	.736	.758	.050
.100		.339	.436	.511	.573	.626	.658		.100
.150		.304	.391	.456	.512	.568	.604	.587	.150
.200	.216	.278	.353	.407	.468		.553	.506	.200
.250	.218	.269	.323	.379	.422	.479	.514	.442	.250
.300	.210		.299	.345	.384	.436	.485	.413	.300
.350	.213	.248	.276	.315	.357	.405	.459	.358	.350
.400	.202	.222	.250	.297	.328	.374	.428	.318	.400
.450	.197	.215	.236	.274	.304	.358	.404	.283	.450
.500	.191	.199	.223	.252	.283	.337	.373	.257	.500
.650	.174	.167	.174	.199	.212	.259	.313	.187	.650
.800	.161	.145	.136	.138	.164	.206	.247	.122	.800
.950	.143	.124	.118	.120	.129	.160	.183	.086	.950
			$\alpha = 15^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	-.251	-.240	-.239	-.224	-.219				.011
.025							-.227		.025
.050	-.236	-.238	-.230	-.217	-.197	-.211	-.208	-.199	.050
.100	-.220	-.242	-.239	-.219	-.203	-.198	-.200	-.187	.100
.150	-.201	-.250	-.245	-.226		-.198	-.207	-.182	.150
.200	-.178	-.244	-.251	-.233	-.223	-.200	-.213	-.174	.200
.250	-.178	-.244	-.251	-.238	-.229	-.208	-.218		.250
.300	-.171	-.231	-.246			-.212	-.227	-.176	.300
.350	-.168	-.218	-.248	-.245	-.238	-.218	-.232	-.180	.350
.400	-.174	-.211	-.251	-.257	-.245	-.225	-.235	-.191	.400
.450	-.174	-.213	-.244	-.257	-.243	-.231		-.204	.450
.500	-.180	-.214	-.252	-.252	-.257	-.238	-.239	-.211	.500
.650	-.187	-.216	-.238	-.244	-.248	-.250	-.239	-.230	.650
.800	-.200	-.221	-.221	-.252	-.250	-.242	-.227	-.261	.800
.950	-.194	-.227	-.214	-.252	-.248	-.246	-.231	-.239	.950
				Lower surface					
.011	.297	.693	.803	.826	.915				.011
.020						.929	.937		.020
.050		.517	.623	.710	.767	.809	.855	.899	.050
.100		.435	.537	.613	.668	.716	.765		.100
.150		.400	.482	.548	.601	.656	.702	.692	.150
.200	.296	.368	.444	.499	.554		.641	.608	.200
.250	.303	.364	.418	.465	.510	.563	.600	.538	.250
.300	.302		.394	.434	.473	.527	.575	.488	.300
.350	.298	.331	.360	.396	.442	.495	.538	.439	.350
.400	.287	.304	.330	.373	.413	.456	.508	.396	.400
.450	.281	.293	.317	.351	.382	.439	.480	.359	.450
.500	.281	.277	.297	.330	.357	.417	.453	.324	.500
.650	.248	.241	.249	.269	.287	.333	.382	.245	.650
.800	.237	.216	.211	.207	.235	.275	.313	.179	.800
.950	.221	.202	.189	.184	.198	.223	.246	.135	.950

[redacted]

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION

(a) $\delta_c = 0^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^o$ $\beta = 0^o$									
Upper surface									
.011	.053	.132	.121	.143	.125				.011
.025							.074		.025
.050	.038	.103	.120	.125	.109	.104	.059	.084	.050
.100	.027	.056	.096	.100	.101	.089	.053	.063	.100
.150	.008	.034	.068	.089		.084	.053	.047	.150
.200	-.001	.012	.044	.078	.082	.074	.047	.033	.200
.250	-.001	-.004	.001	.060	.072	.065	.043		.250
.300	-.001	-.014	-.015			.040	.036	.002	.300
.350	-.004	-.024		.020	.044	.034	.025	-.006	.350
.400	-.018	-.030		-.001	.027	.026	.020	-.012	.400
.450	-.017	-.030	-.056	-.015	.017	.019	.012	-.021	.450
.500	-.027	-.030	-.039	-.027	.001	.009	.007	-.028	.500
.650	-.040	-.053	-.053	-.057	-.043	-.019	-.020	-.044	.650
.800	-.051	-.076	-.077	-.082	-.072	-.057	-.044	-.053	.800
.950	-.065	-.087	-.089	-.083	-.081	-.079	-.044	-.038	.950
Lower surface									
.011	.047	.168	.171	.161	.166				.011
.050		.126	.156	.159	.148				.050
.100		.090	.133	.136	.134				.100
.150	.037	.065	.103	.122	.110				.150
.200	.038	.044	.073	.107					.200
.250	.030	.034	.051	.078					.250
.300	.023		.033	.063					.300
.350	.017	.016	.019	.033					.350
.400	.010	.002	.003	.022					.400
.450	.009	-.002	-.006	.008					.450
.500	.003	-.012	-.015	-.008					.500
.650	-.020	-.028	-.037	-.035					.650
.800	-.030	-.050	-.055	-.073					.800
.950	-.054	-.063	-.078	-.076					.950
$\alpha = 2^o$ $\beta = 0^o$									
Upper surface									
.011	.034	.098		.072	.054				.011
.025							.030		.025
.050	.018	.050	.053	.043	.053	.050	.025	.036	.050
.100	.005	.021	.038	.033	.043	.034	.019	.026	.100
.150	-.011	.004	.012	.024		.025	.012	.012	.150
.200	-.018	-.017	.004	.017	.015	.025	.004	.000	.200
.250	-.019	-.030	-.036	.008	.004	.002	-.001		.250
.300	-.024	-.045	-.050			-.002	-.006	-.024	.300
.350	-.025	-.045		-.025	-.018	-.012	-.014	-.024	.350
.400	-.034	-.060		-.046	-.027	-.021	-.026	-.031	.400
.450	-.032	-.062	-.065	-.062	-.031	-.031	-.019	-.039	.450
.500	-.049	-.064	-.082	-.072	-.049	-.038	-.033	-.039	.500
.650	-.059	-.073	-.089	-.091	-.077	-.059	-.053	-.054	.650
.800	-.081	-.095	-.103	-.115	-.111	-.076	-.077	-.066	.800
.950	-.085	-.103	-.117	-.105	-.108	-.082	-.063	-.058	.950
Lower surface									
.011	.069	.219	.261	.247	.238				.011
.020						.217	.156		.020
.050		.153	.222	.247	.220	.190	.170	.170	.050
.100		.108	.190	.216	.220	.184	.165		.100
.150	.052	.091	.150	.188	.190	.172	.158	.130	.150
.200	.052	.066	.116	.158	.176		.136	.091	.200
.250	.047	.061	.092	.116	.151	.147	.123	.071	.250
.300	.042		.069	.105	.141	.143	.123		.300
.350	.033	.038	.054	.072	.115	.130	.106	.037	.350
.400	.021	.026	.028	.061	.098	.116	.098	.031	.400
.450	.021	.012	.023	.038	.064	.116	.096	.019	.450
.500	.021	.012	.001	.028	.045	.100	.092	.008	.500
.650	-.003	-.007	-.022	-.010	.008	.047	.056	-.014	.650
.800	-.013	-.043	-.038	-.040	-.037	.001	.028	-.021	.800
.950	-.034	-.045	-.054	-.059	-.057	-.028	.006	-.028	.950

[redacted]

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 4^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	.011	.056	.034	.020	.007				.011
.025							-.004		.025
.050	-.004	.009	-.004	-.008	.011	.013	-.015	-.002	.050
.100	-.014	-.009	-.013	-.011	.001	-.012	-.023	-.018	.100
.150	-.037	-.034	-.032	-.023		-.011	-.031	-.028	.150
.200	-.038	-.054	-.028	-.028	-.028	-.012	-.037	-.032	.200
.250	-.041	-.062	-.063	-.041	-.043	-.027	-.043		.250
.300	-.049	-.063	-.078			-.047	-.049	-.045	.300
.350	-.049	-.076		-.056	-.060	-.053	-.056	-.046	.350
.400	-.059	-.083		-.078	-.070	-.063	-.068	-.046	.400
.450	-.054	-.095	-.089	-.089	-.062	-.068	-.058	-.063	.450
.500	-.070	-.090	-.101	-.097	-.082	-.079	-.072	-.063	.500
.650	-.076	-.090	-.104	-.105	-.103	-.100	-.089	-.070	.650
.800	-.092	-.115	-.114	-.130	-.134	-.105	-.113	-.091	.800
.950	-.103	-.123	-.120	-.114	-.117	-.105	-.088	-.091	.950
				Lower surface					
.011	.103	.279	.364	.369	.348				.011
.020						.313	.252		.020
.050		.206	.305	.354	.337	.289	.247	.242	.050
.100		.161	.252	.302	.319	.289	.245		.100
.150	.091	.138	.209	.256	.277	.280	.245	.203	.150
.200	.093	.118	.174	.219	.256		.221	.153	.200
.250	.083	.108	.148	.178	.224	.240	.210	.135	.250
.300	.079		.124	.163	.205	.224	.219	.124	.300
.350	.069	.082		.125	.171	.210	.191	.089	.350
.400	.062	.070	.079	.114	.147	.188	.188	.084	.400
.450	.061	.062	.075	.091	.122	.179	.179	.072	.450
.500	.061	.054	.054	.078	.105	.161	.170	.051	.500
.650	.038	.033	.026	.030	.057	.099	.121	.035	.650
.800	.026	-.006	.005	.000	.012	.051	.085	.017	.800
.950	.005	-.009	-.019	-.015	-.019	.017	.051	.001	.950
			$\alpha = 6^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	-.050	-.021	-.050	-.034	-.045				.011
.025							-.043		.025
.050	-.050	-.058	-.068	-.059	-.045	-.040	-.055	-.040	.050
.100	-.055	-.058	-.076	-.064	-.046	-.052	-.064	-.051	.100
.150	-.075	-.088	-.090	-.074		-.059	-.074	-.059	.150
.200	-.076	-.100	-.100	-.083	-.078	-.061	-.074	-.059	.200
.250	-.076	-.109	-.112	-.083	-.088	-.081	-.081		.250
.300	-.077	-.109	-.126			-.082	-.081	-.064	.300
.350	-.084	-.114		-.098	-.104	-.087	-.091	-.064	.350
.400	-.088	-.119		-.122	-.112	-.096	-.101	-.065	.400
.450	-.087	-.120	-.126	-.131	-.114	-.103	-.090	-.071	.450
.500	-.095	-.125	-.132	-.136	-.125	-.112	-.104	-.071	.500
.650	-.102	-.126	-.131	-.138	-.140	-.132	-.119	-.084	.650
.800	-.120	-.147	-.140	-.148	-.159	-.138	-.135	-.114	.800
.950	-.128	-.154	-.140	-.144	-.145	-.133	-.114	-.127	.950
				Lower surface					
.011	.160	.341	.468	.488	.500				.011
.020						.434	.340		.020
.050		.252	.368	.426	.448	.418	.337	.319	.050
.100		.204	.302	.364	.399	.403	.354		.100
.150		.181	.258	.315	.353	.381	.351	.273	.150
.200	.126	.165	.219	.273	.316		.333	.223	.200
.250	.124	.154	.198	.233		.313	.319	.195	.250
.300	.118		.172	.214	.251	.298	.309	.190	.300
.350	.109	.124	.151	.179	.222	.266	.281	.160	.350
.400	.097	.116	.131	.161	.194	.246	.270	.153	.400
.450	.097	.105	.121	.139	.170	.222	.253	.141	.450
.500	.097	.091	.098	.128	.152	.197	.229	.119	.500
.650	.068	.064	.063	.081	.096	.133	.172	.083	.650
.800	.057	.026	.036	.035	.054	.083	.127	.051	.800
.950	.037	.022	.012	.012	.030	.049	.083	.021	.950

[redacted]

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$			$\beta = 0^o$					
Upper surface									
.011	-.095	-.069	-.085	-.072	-.075				.011
.025							-.087		.025
.050	-.081	-.093	-.101	-.097	-.076	-.062	-.091	-.069	.050
.100	-.082		-.107	-.097	-.088	-.078	-.093	-.082	.100
.150	-.100	-.117	-.113	-.112		-.084	-.102	-.085	.150
.200	-.095	-.129	-.126	-.112	-.107	-.084	-.109	-.082	.200
.250	-.094	-.129	-.132	-.116	-.117	-.103	-.112		.250
.300	-.103	-.129	-.141			-.119	-.117	-.085	.300
.350	-.102	-.138		-.133	-.131	-.126	-.127	-.087	.350
.400	-.107	-.139		-.152	-.141	-.133	-.131	-.088	.400
.450	-.097	-.139	-.135	-.153	-.142	-.141	-.121	-.095	.450
.500	-.113	-.139	-.152	-.165	-.150	-.145	-.135	-.095	.500
.650	-.115	-.138	-.152	-.153	-.158	-.165	-.152	-.115	.650
.800	-.135	-.154	-.161	-.169	-.164	-.164	-.160	-.154	.800
.950	-.141	-.164	-.160	-.159	-.163	-.158	-.142	-.159	.950
Lower surface									
.011	.212	.425	.558	.588	.642				.011
.020						.547	.510		.020
.050		.316	.432	.501	.535	.489	.490		.050
.100		.265	.364	.427	.469	.452	.455	.405	.100
.150		.235	.318	.369	.411		.411	.342	.150
.200	.179	.215	.277	.325	.369		.383	.314	.200
.250	.168	.203	.257	.287	.340	.339		.288	.250
.300	.167		.230	.259	.307	.322	.339	.252	.300
.350	.155	.184	.208	.231	.281	.282	.320	.230	.350
.400	.141	.161	.168	.216	.250		.296	.207	.400
.450	.140	.149	.168	.189	.217	.244	.278	.176	.450
.500	.140	.134	.144	.177	.144	.176	.215		.500
.650	.105	.105	.104	.120	.097	.123	.167		.650
.800	.091	.063	.082	.070	.062	.099	.114		.800
.950	.074	.061	.042	.049					.950
	$\alpha = 10^o$			$\beta = 0^o$					
Upper surface									
.011	-.159	-.122	-.128	-.108	-.114				.011
.025							-.109		.025
.050	-.134	-.142	-.147	-.134	-.116	-.102	-.117	-.100	.050
.100	-.133	-.149	-.153	-.135	-.123	-.121	-.122	-.109	.100
.150	-.133	-.171	-.160	-.149		-.128	-.132	-.109	.150
.200	-.132	-.171	-.170	-.154	-.147	-.128	-.140	-.109	.200
.250	-.132	-.171	-.173	-.154	-.159	-.142	-.144		.250
.300	-.134	-.170	-.187			-.149	-.142	-.114	.300
.350	-.134	-.176		-.164	-.172	-.158	-.149	-.103	.350
.400	-.136	-.170		-.185	-.182	-.166	-.157	-.109	.400
.450	-.132	-.168	-.178	-.192	-.176	-.172		-.126	.450
.500	-.145	-.161	-.180	-.192	-.190	-.178	-.163	-.132	.500
.650	-.144	-.166	-.177	-.180	-.190	-.195	-.178	-.148	.650
.800	-.163	-.187	-.177	-.190	-.190	-.178	-.185	-.183	.800
.950	-.164	-.187	-.171	-.186	-.190	-.185	-.168	-.183	.950
Lower surface									
.011	.275	.501	.639	.672	.746				.011
.020						.754	.711		.020
.050		.371	.489	.571	.620	.653	.650	.642	.050
.100		.314	.414	.487	.540	.576	.592		.100
.150		.284	.369	.426	.476	.537	.539	.518	.150
.200	.225	.258	.328	.380	.428		.489	.435	.200
.250	.216	.251	.296	.344	.392		.459	.387	.250
.300	.209		.278	.316	.351	.407	.435	.358	.300
.350	.200	.230	.260	.279	.330	.382	.399	.306	.350
.400	.188	.207	.214	.272	.294	.348	.379	.284	.400
.450	.188	.191	.214	.243	.267	.317	.356	.254	.450
.500	.180	.179	.193	.224	.251	.300	.333	.221	.500
.650	.141	.142	.147	.169	.188	.230	.267	.161	.650
.800	.127	.095	.113	.114	.137	.176	.219	.107	.800
.950	.106	.096	.083	.091	.102	.132	.165	.061	.950

[redacted]

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING, LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 12^o$ $\beta = 0^o$									
Upper surface									
.011	-.201	-.171	-.162	-.142	-.148				.011
.025							-.154		.025
.050	-.185	-.179	-.178	-.154	-.134	-.124	-.156	-.130	.050
.100	-.173	-.185	-.186	-.155	-.147	-.137	-.156	-.142	.100
.150	-.175	-.203	-.194	-.166		-.146	-.168	-.142	.150
.200	-.161	-.205	-.203	-.178	-.171	-.144	-.175	-.142	.200
.250	-.150	-.205	-.210	-.178	-.180	-.163	-.175		.250
.300	-.155		-.219			-.181	-.184	-.142	.300
.350	-.160	-.207		-.189	-.189	-.185	-.184	-.135	.350
.400	-.163	-.186		-.205	-.200	-.193	-.182	-.148	.400
.450	-.150	-.192	-.214	-.216	-.200	-.199	-.185	-.160	.450
.500	-.167	-.186	-.206	-.214	-.210	-.204	-.191	-.168	.500
.650	-.167	-.186	-.192	-.194	-.208	-.224	-.210	-.185	.650
.800	-.176	-.195	-.182	-.205	-.205	-.208	-.210	-.220	.800
.950	-.186	-.205	-.181	-.203	-.204	-.213	-.204	-.208	.950
Lower surface									
.011	.329	.564	.701	.734	.824				.011
.020						.847			.020
.050		.421	.538	.624	.685	.733			.050
.100		.358	.460	.536	.591	.647			.100
.150		.326	.408	.469	.528	.584			.150
.200	.264	.298	.367	.424	.488				.200
.250	.256	.290	.337	.388	.439	.493			.250
.300	.254		.318	.358	.407	.455			.300
.350	.240	.268	.289	.319	.383	.428			.350
.400	.227	.240	.254	.306	.345	.397			.400
.450	.227	.227	.250	.284	.316				.450
.500	.216	.213	.228	.266	.285				.500
.650	.174	.178	.182	.206	.234				.650
.800	.162	.132	.150	.150	.178				.800
.950	.146	.136	.115	.125	.149				.950
$\alpha = 15^o$ $\beta = 0^o$									
Upper surface									
.011	-.239	-.223	-.206	-.198	-.208				.011
.025							-.221		.025
.050	-.231		-.213	-.198	-.184	-.181	-.205	-.194	.050
.100	-.225	-.225	-.218	-.198	-.182	-.187	-.193	-.184	.100
.150	-.226	-.242	-.228	-.201		-.186	-.198	-.176	.150
.200	-.199	-.242	-.227	-.208	-.205	-.182	-.205	-.173	.200
.250	-.192	-.237	-.251	-.213	-.212	-.199	-.210		.250
.300	-.189		-.240			-.211	-.214	-.174	.300
.350	-.180	-.234		-.221	-.226	-.217	-.217	-.172	.350
.400	-.159	-.214		-.240	-.232	-.225	-.224	-.179	.400
.450	-.159	-.214	-.236	-.243	-.230	-.231	-.213	-.194	.450
.500	-.173	-.197	-.238	-.238	-.240	-.232	-.226	-.202	.500
.650	-.173	-.197	-.232	-.225	-.237	-.242	-.236	-.219	.650
.800	-.188	-.211	-.207	-.237	-.233	-.230	-.231	-.246	.800
.950	-.200	-.224	-.212	-.233	-.232	-.238	-.226	-.232	.950
Lower surface									
.011	.446	.653	.809	.842	.934				.011
.020						.956	.964		.020
.050		.498	.635	.723	.786	.836	.882	.921	.050
.100		.433	.545	.628	.686	.735	.790	.777	.100
.150		.404	.493	.561	.614	.681	.727	.718	.150
.200	.345	.369	.449	.507	.567		.666	.628	.200
.250	.334	.369	.425	.476	.518	.576	.621	.557	.250
.300	.327			.444	.489	.551	.590	.516	.300
.350	.320	.345	.374	.406	.460	.514	.558	.458	.350
.400	.302	.313	.338	.390	.430	.474	.526	.418	.400
.450	.302	.306	.328	.362	.405	.454	.503	.377	.450
.500	.288	.288	.306	.340	.368	.439	.466	.337	.500
.650	.238	.243	.260	.282	.300	.349	.398	.257	.650
.800	.229	.200	.215	.219	.246	.290	.327	.191	.800
.950	.214	.201	.183	.192	.212	.246	.264	.147	.950

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^o$ $\beta = 0^o$									
Upper surface									
.011	.055	.244	-.021	.062	.083				.011
.025							.077		.025
.050	.056	.192	.045	.051	.065	.058	.063	.078	.050
.100	.047	.135	.042	.006	.049	.056	.045	.062	.100
.150	.043	.104	.044	.023		.052	.045	.045	.150
.200	.030	.044	.037	.027	.030	.037	.042	.033	.200
.250	.030	.015	.004	.027	.015	.034	.034		.250
.300	.036	-.012	-.018			.032	.027	.007	.300
.350	.032	-.027		-.006	.011	.023	.017	-.006	.350
.400	.012			-.004	.005	.011	.011	-.014	.400
.450	-.013	-.034	-.065	-.018	-.019	-.002	-.008	-.020	.450
.500	-.025	-.034	-.049	-.030	-.014	-.013	-.006	-.025	.500
.650	-.058	-.064	-.078	-.071	-.063	-.039	-.027	-.046	.650
.800	-.059	-.079	-.101	-.094	-.087	-.081	-.058	-.056	.800
.950	-.082	-.091	-.121	-.110	-.101	-.068	-.049	-.050	.950
Lower surface									
.011	.013	.085	.276	.229	.201				.011
.020						.175	.122		.020
.050		.044			.203	.166	.110	.114	.050
.100		.002	.135	.184	.190	.147	.100		.100
.150	-.010	-.021	.098	.141	.180	.139	.100	.076	.150
.200	-.010	-.013	.075	.119	.155		.100	.064	.200
.250	-.014	-.007	.040	.098	.126	.133	.089	.040	.250
.300	-.024		.028	.068	.098	.120			.300
.350	-.024	.002	.016	.049	.075	.111	.093	.021	.350
.400	-.030	-.008	-.002	.026	.055	.089	.078	.005	.400
.450	-.024	-.010	-.017	.019	.040	.068	.073	-.002	.450
.500	-.020	-.019	-.013	-.001	.030	.055	.051	-.002	.500
.650	-.014	-.031	-.037	-.033	-.026	.009	.041	-.016	.650
.800	-.034	-.040	-.063	-.064	-.044	-.030	.002	-.035	.800
.950	-.054	-.065	-.066	-.065	-.065	-.061	-.030	-.026	.950
$\alpha = 2^o$ $\beta = 0^o$									
Upper surface									
.011	.044	.202	-.067	.002	.034				.011
.025							.031		.025
.050	.032	.150	-.018	-.006	.007	.013	.020	.037	.050
.100	.028	.083	-.019		-.002	.015	.000	.021	.100
.150	.022	.051	-.013	-.032		.011	.005	.009	.150
.200	.006	.018	-.037	-.028	-.020	-.009	-.001	.001	.200
.250	.004	-.018	-.069	-.028	-.032	-.008	-.009		.250
.300	.005	-.047	-.067			-.013	-.014	-.012	.300
.350		-.047		-.047	-.044	-.024	-.021	-.024	.350
.400	.001	-.053		-.047	-.046	-.035	-.030	-.031	.400
.450	-.030	-.052	-.096	-.052	-.069	-.041	-.052	-.031	.450
.500	-.044	-.056	-.092	-.059	-.063	-.053	-.045	-.035	.500
.650	-.079	-.088	-.104	-.097	-.103	-.084	-.059	-.054	.650
.800	-.079	-.101	-.121	-.108	-.111	-.123	-.088	-.064	.800
.950	-.101	-.110	-.128	-.121	-.103	-.084	-.066	-.085	.950
Lower surface									
.011	.045	.120	.332	.362	.308				.011
.020						.250	.204		.020
.050		.058	.234	.321	.307	.241	.186	.177	.050
.100		.043	.186	.254	.287	.231	.181		.100
.150	.010	.033	.143	.205	.251	.227	.177	.144	.150
.200	.012	.033		.169	.219		.177	.126	.200
.250	.014	.048	.097	.143	.185	.216	.170		.250
.300	.000		.090	.114	.154	.192		.099	.300
.350	.012	.049	.069	.091	.129	.171	.173	.069	.350
.400	.010	.031	.047	.073	.104	.150	.164	.049	.400
.450	.016	.029	.034	.062	.091	.131	.156	.041	.450
.500	.026	.020	.034	.043	.069	.115	.134	.035	.500
.650	.021	.006	.003	.010	.022	.060	.100	.019	.650
.800	-.001	-.003	-.020	-.036	-.013	.016	.054	-.001	.800
.950	-.026	-.029	-.037	-.036	-.034	-.014	.016	.001	.950

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 4^o$		$\beta = 0^o$				
				Upper surface					
.011	.002	.124	-.104	-.066	-.031				.011
.025							-.039		.025
.050	-.013	.078	-.084	-.066	-.056	-.041	-.046	-.025	.050
.100	-.013	.001	-.068	-.108	-.063	-.041	-.063	-.043	.100
.150	-.013	-.019	-.083	-.108		-.041	-.063	-.051	.150
.200	-.030	-.051	-.094	-.108	-.084	-.062	-.063	-.051	.200
.250		-.063	-.114	-.108	-.096	-.055	-.070		.250
.300	-.030	-.079	-.095			-.072	-.075	-.056	.300
.350	-.033	-.094		-.108	-.111	-.087	-.084	-.068	.350
.400	-.047	-.084		-.101	-.113	-.085	-.090	-.075	.400
.450	-.066	-.103	-.130	-.108	-.129	-.098	-.109	-.075	.450
.500	-.066	-.098	-.117	-.113	-.120	-.109	-.103	-.084	.500
.650		-.122	-.130	-.135	-.148	-.132	-.122	-.102	.650
.800	-.108	-.134	-.151	-.139	-.143	-.169	-.139	-.117	.800
.950	-.127	-.143	-.160	-.146	-.141	-.135	-.117	-.151	.950
				Lower surface					
.011	.032	.152	.398	.460	.453				.011
.020						.353	.265		.020
.050		.099	.282	.392	.417	.349	.251	.245	.050
.100		.079	.224	.316	.361	.346	.254		.100
.150	.016	.079	.187	.266	.314	.333	.258	.209	.150
.200	.028	.079	.170	.227	.282		.270	.181	.200
.250	.029	.086	.136	.197	.233		.267	.139	.250
.300	.029		.118	.166	.211	.252	.255		.300
.350	.042	.075	.100	.145	.183	.234	.249	.117	.350
.400	.040	.063	.080	.121	.157	.202	.232	.094	.400
.450	.044	.063	.065	.106	.135	.176	.217	.085	.450
.500	.044	.050	.065	.086	.120	.155	.189	.085	.500
.650	.037	.033	.033	.057	.063	.094	.141	.068	.650
.800	.016	.016	.000	.006	.027	.048	.086	.036	.800
.950	-.001	-.015	-.003	-.001	.008	.010	.051	.016	.950
			$\alpha = 6^o$		$\beta = 0^o$				
				Upper surface					
.011	-.072	.019		-.115	-.087				.011
.025							-.077		.025
.050	-.066	-.015	-.135		-.106	-.087	-.085	-.058	.050
.100	-.061	-.076	-.123	-.142	-.112	-.088	-.103	-.075	.100
.150	-.052	-.084	-.123	-.150		-.094	-.093	-.075	.150
.200	-.064	-.103	-.131	-.150	-.123	-.113	-.099	-.076	.200
.250	-.064	-.112	-.140	-.150	-.135	-.114	-.106		.250
.300	-.068	-.131	-.145			-.115	-.109	-.077	.300
.350	-.081	-.119		-.152	-.153	-.118	-.110	-.093	.350
.400	-.080			-.147	-.160	-.127	-.120	-.099	.400
.450	-.099	-.138	-.154	-.147	-.172	-.138	-.139	-.090	.450
.500	-.097	-.140	-.141	-.152	-.172	-.145	-.131	-.093	.500
.650		-.157	-.156	-.171	-.183	-.165	-.148	-.132	.650
.800	-.133	-.159	-.170	-.164	-.170	-.189	-.163	-.150	.800
.950	-.165	-.166	-.182	-.164	-.165	-.161	-.145	-.183	.950
				Lower surface					
.011	.083	.216	.465	.534	.573				.011
.020						.507	.360		.020
.050		.167	.333	.443	.485	.474	.370	.333	.050
.100		.139	.271	.361	.415	.429	.399		.100
.150	.048	.127	.232	.307	.358	.392	.389	.277	.150
.200	.061	.116	.215	.266	.316		.367	.250	.200
.250	.074	.125	.179	.232	.274		.344		.250
.300	.071		.165	.200	.232	.292	.322	.228	.300
.350	.084	.110	.141	.176	.214	.259	.308	.195	.350
.400	.083	.098	.123	.155	.184	.235	.281	.179	.400
.450	.083	.097	.106	.141	.167	.214	.264	.161	.450
.500	.081	.086	.105	.120	.151	.196	.232	.146	.500
.650	.064	.060	.062	.082	.085	.131	.183	.100	.650
.800	.043	.043	.034	.032	.053	.085	.127	.050	.800
.950	.025	.011	.008	.018	.027	.043	.079	.021	.950

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 8^o$ $\beta = 0^o$									
Upper surface									
.050					-.135	-.116	-.121	-.091	.050
.100	-.114	-.125	-.165	-.170	-.150	-.115	-.141	-.106	.100
.150	-.100	-.134	-.165	-.182		-.123	-.134	-.104	.150
.200	-.103	-.148	-.167	-.188	-.163	-.144	-.134	-.104	.200
.250	-.101	-.148	-.191	-.189	-.170	-.144	-.134		.250
.300	-.091	-.160	-.194			-.146	-.134	-.108	.300
.350	-.097	-.165		-.184	-.189	-.154	-.140	-.119	.350
.400	-.106	-.156		-.180	-.195	-.161	-.145	-.126	.400
.450	-.120	-.175	-.194	-.180	-.205	-.170	-.164	-.126	.450
.500	-.119	-.156	-.167	-.184	-.204	-.178	-.157	-.129	.500
.650	-.151	-.173	-.175	-.197	-.210	-.194	-.176	-.171	.650
.800	-.157	-.177	-.185	-.183	-.192	-.204	-.192	-.202	.800
.950	-.146	-.184	-.192	-.180	-.198	-.183	-.173	-.216	.950
Lower surface									
.011	.137	.302	.543	.610	.677				.011
.020						.666	.589		.020
.050		.243	.406	.507	.555	.579	.551	.468	.050
.100		.208	.336	.420	.475	.509	.515		.100
.150	.107	.195	.293	.362	.418	.464	.478	.424	.150
.200	.125	.182	.272	.319	.374		.438	.382	.200
.250	.138	.186	.235	.292	.334	.388	.415	.326	.250
.300	.132		.221	.255	.300	.353	.389	.316	.300
.350	.135	.172	.195	.231	.266	.322	.370	.266	.350
.400	.137	.152	.179	.210	.243		.335	.234	.400
.450	.137	.151	.162	.194	.222	.271	.319	.210	.450
.500	.132	.138	.156	.170	.207	.249	.291	.187	.500
.650	.111	.111	.112	.125	.138	.183	.232	.134	.650
.800	.088	.085	.083	.074	.096	.130	.172	.082	.800
.950	.072	.055	.047	.053	.072	.105	.124	.046	.950
$\alpha = 10^o$ $\beta = 0^o$									
Upper surface									
.011	-.198	-.097	-.188	-.171	-.146				.011
.025							-.133		.025
.050	-.181	-.132	-.183	-.171	-.154	-.134	-.142	-.133	.050
.100	-.166	-.161	-.183	-.183	-.166	-.133	-.158	-.128	.100
.150	-.148	-.167	-.191	-.194		-.141	-.158	-.126	.150
.200	-.148	-.178	-.198	-.201	-.177	-.159	-.164		.200
.250	-.128	-.178	-.219	-.210	-.187	-.160	-.164		.250
.300	-.120	-.181	-.211			-.168	-.164	-.135	.300
.350	-.122	-.188		-.210	-.206	-.178	-.164	-.147	.350
.400	-.133	-.177		-.210	-.215	-.183	-.183	-.152	.400
.450	-.140	-.186	-.217	-.213	-.220	-.192	-.178	-.161	.450
.500	-.146	-.171	-.190	-.212	-.228	-.199	-.194	-.194	.500
.650	-.166	-.190	-.186	-.212	-.226	-.213	-.204	-.220	.650
.800	-.179	-.197	-.197	-.209	-.211	-.222	-.193	-.220	.800
.950	-.129	-.197	-.197	-.194	-.217	-.210	-.121		.950
Lower surface									
.011	.000	.414	.612	.676	.769				.011
.020						.779	.733		.020
.050		.307	.458	.571	.633	.675	.667	.647	.050
.100		.262	.386	.481	.540	.586	.600		.100
.150	.143	.242	.338	.422	.480	.536	.549	.519	.150
.200	.167	.221	.311	.380	.434		.505	.451	.200
.250	.174		.283	.342	.395	.450	.467	.388	.250
.300	.175			.314	.356	.415	.441	.363	.300
.250	.176		.239	.284	.331	.382	.418	.311	.350
.400	.167	.185	.214	.263	.303	.353	.388	.282	.400
.450	.167	.185	.203	.242	.280	.317	.364	.248	.450
.500	.167	.170	.194	.221	.255	.297	.335	.226	.500
.650	.138	.141	.148	.174	.184	.223	.274	.159	.650
.800	.119	.117	.113	.119	.147	.175	.213	.101	.800
.950	.101	.085	.086	.099	.115	.129	.155	.071	.950

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 12^o$				$\beta = 0^o$				
Upper surface									
.011	-.231	-.193	-.215	-.196	-.174				.011
.025							-.171		.025
.050	-.223	-.193	-.203	-.194	-.174	-.160	-.168	-.146	.050
.100	-.215	-.198	-.211	-.193	-.179	-.161	-.177	-.155	.100
.150	-.192	-.198	-.219	-.203		-.162	-.177	-.151	.150
.200	-.183	-.210	-.234	-.212	-.194	-.179	-.184	-.145	.200
.250	-.161	-.206	-.248	-.218	-.205	-.179	-.191		.250
.300	-.141	-.205	-.243			-.187	-.191	-.145	.300
.350	-.142	-.210		-.225	-.217	-.194	-.192	-.158	.350
.400	-.149	-.193		-.229	-.224	-.203	-.193	-.164	.400
.450	-.155		-.241	-.229	-.226	-.209	-.202	-.173	.450
.500	-.165	-.191	-.213	-.229	-.241	-.213	-.198	-.179	.500
.650	-.181	-.205	-.197	-.229	-.234	-.230	-.213	-.209	.650
.800	-.193	-.215	-.207	-.236	-.229	-.232	-.215	-.236	.800
.950	-.210	-.215	-.205	-.207	-.231	-.226	-.209	-.225	.950
Lower surface									
.011	.273	.485	.681	.731	.837				.011
.020						.868	.843		.020
.050		.361	.518	.618	.688	.745	.759	.780	.050
.100		.318	.440	.528	.594	.653	.680		.100
.150	.169	.296	.392	.461	.524	.596	.623	.603	.150
.200	.196	.273	.359	.420	.476		.570	.521	.200
.250	.198	.272	.329	.380	.442	.494	.535	.458	.250
.300	.204		.310	.356	.402	.459	.507	.430	.300
.350	.210	.252	.285	.325	.370	.430	.476	.374	.350
.400	.205	.226	.257	.308	.343	.401	.447	.339	.400
.450	.205	.218	.245	.282	.318	.371	.419	.301	.450
.500	.205	.206	.231	.265	.292	.350	.387	.269	.500
.650	.181	.178	.189	.212	.226	.276	.327	.204	.650
.800	.164	.152	.152	.156	.177	.223	.262	.141	.800
.950	.149	.128	.118	.128	.154	.176	.204	.101	.950
	$\alpha = 15^o$				$\beta = 0^o$				
Upper surface									
.011	-.256	-.247	-.235	-.215	-.205				.011
.025							-.234		.025
.050	-.252	-.252	-.235	-.205	-.188	-.190	-.216	-.203	.050
.100	-.250	-.252	-.240	-.205	-.195	-.197	-.203	-.191	.100
.150	-.246	-.258	-.239	-.210		-.194	-.209	-.182	.150
.200	-.221	-.247	-.239	-.216	-.207	-.191	-.217	-.177	.200
.250	-.210	-.240	-.264	-.222	-.217	-.199	-.220		.250
.300	-.201	-.221	-.262			-.220	-.220	-.179	.300
.350	-.195	-.221		-.227	-.224	-.222	-.228	-.183	.350
.400	-.173	-.221		-.241	-.236	-.229	-.234	-.190	.400
.450	-.166	-.221	-.250	-.249	-.236	-.234	-.223	-.207	.450
.500	-.175	-.207	-.239	-.241	-.245	-.239	-.233	-.213	.500
.650	-.189	-.211	-.224	-.229	-.236	-.248	-.243	-.232	.650
.800	-.209	-.227	-.211	-.237	-.239	-.241	-.229	-.260	.800
.950	-.221	-.235	-.217	-.235	-.239	-.241	-.229	-.243	.950
Lower surface									
.011	.305	.571	.771	.828	.918				.011
.020						.953	.960		.020
.050		.438	.604	.709	.785	.837	.871	.917	.050
.100		.383	.520	.613	.676	.736	.786	.808	.100
.150	.249	.363	.472	.550	.605	.675	.718	.708	.150
.200	.272	.343	.439	.501	.558		.661	.625	.200
.250	.272	.354	.406	.471	.511	.576	.620	.552	.250
.300	.277		.389	.437	.485	.546	.586	.516	.300
.350	.286	.320	.356	.399	.455	.511	.555	.455	.350
.400	.277	.297	.325	.378	.424	.473	.518	.415	.400
.450	.277	.287	.312	.354	.391	.448	.496	.375	.450
.500	.274	.271	.297	.332	.363	.427	.464	.337	.500
.650	.237	.234	.251	.277	.292	.342	.395	.257	.650
.800	.218	.199	.206	.217	.244	.279	.326	.190	.800
.950	.208	.190	.182	.187	.210	.234	.256	.144	.950

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^o$ $\beta = 0^o$									
Upper surface									
.011	.181	.514	-.118	.031	.052				.011
.025							.053		.025
.050	.115	.390	-.040	.006	.047	.053	.044	.072	.050
.100	.114	.233	.045		.038	.041	.036	.057	.100
.150	.117	.150	.089	.014		.038	.031	.041	.150
.200	.111	.077	.065	.014	.007	.026	.023	.025	.200
.250	.113	.044	.034	.014	-.007	.014	.015		.250
.300	.107	.019	.023			.009	.015	-.004	.300
.350	.065	.001		.021	-.005	.004	.001	-.011	.350
.400	.027	-.018		.021	-.008	-.006	-.006	-.019	.400
.450	-.001	-.018	-.041	.002	-.015	-.018	-.014	-.027	.450
.500	-.015	-.019	-.019	-.014	-.014	-.027	-.019	-.034	.500
.650	-.053	-.058	-.045	-.052	-.040	-.051	-.046	-.051	.650
.800	-.051	-.077	-.076	-.077	-.070	-.068	-.068	-.063	.800
.950	-.071	-.079	-.085	-.092	-.096	-.058	-.049	-.049	.950
Lower surface									
.011	-.041	-.063	.318	.334	.270				.011
.020						.172	.122		.020
.050		-.090	.223	.308	.262	.165	.115	.114	.050
.100		-.119	.128	.245	.252	.172	.108		.100
.150	-.069	-.108	.047	.193	.217	.168	.108	.078	.150
.200	-.071	-.073	.031	.131	.191		.100	.059	.200
.250	-.083	-.001	.001	.090	.150	.160	.097	.033	.250
.300	-.103		-.005	.051	.112	.151	.094		.300
.350	-.092	-.047	-.017	.024	.083	.129	.092	.010	.350
.400	-.057	-.031	-.017	.005	.051	.114	.091	.001	.400
.450	-.013	-.015	-.017	-.007	.030	.097	.094	-.006	.450
.500	-.035	-.038	-.024	-.027	.006	.078	.085	-.010	.500
.650	-.036	-.038	-.063	-.051	-.041	.017	.058	-.022	.650
.800	-.035	-.056	-.078	-.084	-.073	-.036	.021	-.023	.800
.950	-.051	-.069	-.079	-.089	-.084	-.062	-.019	-.021	.950
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	-.014	.318	-.111	-.089	-.060				.011
.025							-.046		.025
.050	.013	.192	-.108	-.117	-.057	-.033	-.056	-.024	.050
.100	.058	.111	-.107	-.093	-.068	-.052	-.056	-.034	.100
.150	.058		-.181	-.084		-.063	-.063	-.047	.150
.200	.058	-.004	-.170	-.084	-.098	-.065	-.063	-.047	.200
.250	.058	-.033	-.142	-.081	-.100	-.077	-.063		.250
.300	.071	-.042	-.129			-.079	-.068	-.060	.300
.350	.039	-.051		-.058	-.095	-.087	-.076	-.065	.350
.400	-.004	-.059		-.079	-.096	-.096	-.089	-.070	.400
.450	-.025	-.072	-.122	-.093		-.103	-.084	-.084	.450
.500	-.053	-.055	-.141	-.104	-.108	-.114	-.097	-.085	.500
.650	-.082	-.085	-.141	-.103	-.108	-.133	-.121	-.089	.650
.800	-.089	-.117	-.141	-.117	-.138	-.125	-.139	-.115	.800
.950	-.101	-.125	-.140	-.136	-.145	-.122	-.117	-.121	.950
Lower surface									
.011	.060	-.143	.345	.533	.563				.011
.020						.450	.229		.020
.050		-.134	.217	.411	.458	.432	.262	.244	.050
.100		-.101	.171	.308	.374	.393	.313	.189	.100
.150	-.037	-.076	.131	.250	.308	.358	.338	.189	.150
.200	-.034	-.045	.115	.194	.264		.315	.149	.200
.250	-.047	.015	.115	.152	.218		.299	.128	.250
.300	-.056			.141	.183	.250	.285	.126	.300
.350	-.054	.042	.082	.117	.152	.220	.254	.111	.350
.400	-.043	.034	.059	.099	.126	.189	.236	.110	.400
.450	-.003	.031	.055	.079	.107	.166	.215	.110	.450
.500	.026	.024	.036	.061	.091	.143	.191	.098	.500
.650	.027	.016	.007	.021	.034	.079	.135	.069	.650
.800	.017	-.006	-.015	-.020	-.007	.036	.082	.042	.800
.950	-.008	-.010	-.034	-.040	-.030	.008	.040	.009	.950

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 8^o$ $\beta = 0^o$									
Upper surface									
.011	-.127	.065	-.155	-.153	-.121				.011
.025							-.124		.025
.050	-.089	-.012	-.141	-.177	-.121	-.072	-.134	-.108	.050
.100	-.075	-.050	-.151	-.151	-.133	-.097	-.137	-.115	.100
.150	-.075	-.073	-.175	-.151		-.105	-.137	-.119	.150
.200	-.046	-.090	-.177	-.151	-.161	-.105	-.139	-.115	.200
.250	-.046	-.103	-.187	-.151	-.166	-.127	-.139		.250
.300	-.051	-.104	-.178			-.153	-.139	-.123	.300
.350	-.051	-.105		-.139	-.167	-.160	-.139	-.124	.350
.400	-.060	-.132		-.158	-.165	-.173	-.149	-.124	.400
.450	-.052	-.117	-.175	-.156	-.096	-.179	-.151	-.136	.450
.500	-.070	-.146	-.188	-.153	-.171	-.190	-.159	-.148	.500
.650	-.117	-.160	-.160	-.135	-.162	-.206	-.183	-.162	.650
.800	-.145	-.186	-.160	-.154	-.172	-.181	-.198	-.193	.800
.950	-.148	-.186	-.172	-.161	-.177	-.193	-.181	-.200	.950
Lower surface									
.011	.177	-.008	.430	.607	.698				.011
.020						.704	.628		.020
.050		.026	.305	.488	.558	.596	.585	.498	.050
.100		.037	.265	.392	.463	.518	.534		.100
.150	.026	.048	.231	.330	.395	.463	.488	.441	.150
.200	.037	.063	.203	.288	.349		.437	.379	.200
.250	.038	.111	.190	.248	.307	.368	.410	.331	.250
.300	.048		.174	.232	.270	.333	.384	.308	.300
.350	.043	.128	.154	.195	.241	.304	.353	.265	.350
.400	.049	.119	.131	.183	.220	.273	.326	.237	.400
.450	.077	.113	.124	.161	.188	.256	.304	.210	.450
.500	.093	.103	.108	.143	.171	.234	.282	.181	.500
.650	.079	.079	.075	.096	.111	.161	.214	.120	.650
.800	.062	.040	.052	.050	.072	.114	.160	.070	.800
.950	.042	.031	.026	.031	.043	.073	.113	.031	.950
$\alpha = 12^o$ $\beta = 0^o$									
Upper surface									
.011	-.193	-.139	-.179	-.177	-.166				.011
.025							-.174		.025
.050	-.179	-.165	-.179	-.185	-.152	-.128	-.177	-.152	.050
.100	-.169	-.172	-.188	-.185	-.164	-.141	-.178	-.153	.100
.150	-.177	-.188	-.205	-.185		-.153	-.186	-.153	.150
.200	-.136	-.188	-.212	-.184	-.191	-.153	-.186	-.153	.200
.250	-.119	-.188	-.222	-.183	-.198	-.167	-.186		.250
.300	-.129	-.172	-.212			-.191	-.186	-.158	.300
.350	-.129	-.181		-.184	-.206	-.194	-.187	-.155	.350
.400	-.133	-.184		-.199	-.207	-.203	-.187	-.164	.400
.450	-.110	-.165	-.200	-.200	-.158	-.209	-.181	-.179	.450
.500	-.134	-.191	-.185	-.199	-.212	-.217	-.193	-.188	.500
.650	-.146	-.200	-.185	-.178	-.201	-.230	-.209	-.204	.650
.800	-.180	-.210	-.179	-.191	-.210	-.206	-.218	-.233	.800
.950	-.175	-.211	-.193	-.191	-.209	-.222	-.210	-.222	.950
Lower surface									
.011	.247	.351	.572	.698	.811				.011
.020						.870	.843		.020
.050		.290	.449	.592	.673	.747	.761	.782	.050
.100		.269	.392	.504	.582	.654	.680		.100
.150	.148	.253	.353	.444	.511	.588	.620	.600	.150
.200	.160	.239	.318	.404	.465		.564	.519	.200
.250	.154	.246	.304	.370	.428	.492	.521	.455	.250
.300	.160		.288	.346	.391	.451	.494	.421	.300
.350	.167	.226	.260	.308	.361	.422	.462	.366	.350
.400	.167	.204	.238	.293	.333	.388	.430	.328	.400
.450	.177	.197	.228	.268	.304	.357	.409	.293	.450
.500	.177	.188	.209	.253	.277	.337	.378	.260	.500
.650	.157	.161	.169	.199	.211	.262	.312	.185	.650
.800	.150	.118	.138	.143	.170	.204	.249	.129	.800
.950	.139	.120	.108	.122	.136	.160	.192	.092	.950

TABLE X

TABULATED PRESSURE COEFFICIENTS FOR LONG-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 15^o$ $\beta = 0^o$								
Upper surface									
.011	-.256	-.233	-.220	-.213	-.217				.011
.025							-.233		.025
.050	-.245	-.241	-.217	-.213	-.195	-.182	-.220	-.203	.050
.100	-.234	-.229	-.229	-.213	-.202	-.191	-.203	-.189	.100
.150	-.230	-.241	-.245	-.217		-.189	-.216	-.189	.150
.200	-.191	-.242	-.246	-.224	-.224	-.189	-.216	-.179	.200
.250	-.179	-.237	-.255	-.223	-.228	-.205	-.216		.250
.300	-.189	-.218	-.248			-.220	-.224	-.185	.300
.350	-.179	-.224		-.228	-.239	-.217	-.223	-.179	.350
.400	-.179	-.215		-.249	-.248	-.227	-.223	-.191	.400
.450	-.160	-.208	-.236	-.249		-.237	-.216	-.208	.450
.500	-.175	-.211	-.236	-.243	-.250	-.236	-.226	-.217	.500
.650	-.170	-.210	-.209	-.224	-.240	-.255	-.236	-.229	.650
.800	-.203	-.226	-.207	-.247	-.254	-.235	-.224	-.258	.800
.950	-.209	-.230	-.214	-.239	-.248	-.243	-.224	-.241	.950
Lower surface									
.011	.323	.536	.746	.803	.893				.011
.020						.928	.944		.020
.050		.401	.580	.683	.761	.819	.861	.901	.050
.100		.350	.501	.590	.655	.723	.772	.767	.100
.150	.216	.339	.458	.525	.590	.660	.703	.699	.150
.200	.230	.320	.413	.478	.543		.639	.610	.200
.250	.223	.330	.395	.441	.494	.566	.599	.539	.250
.300	.225		.376	.412	.462	.520	.570	.501	.300
.350	.237	.299	.346	.372	.433	.492	.539	.441	.350
.400	.236	.279	.309	.360	.401	.455	.503	.397	.400
.450	.244	.270	.299	.328	.371	.424	.481	.364	.450
.500	.249	.258	.277	.304	.344	.408	.446	.328	.500
.650	.225	.223	.235	.259	.279	.329	.375	.249	.650
.800	.220	.186	.196	.202	.228	.264	.315	.177	.800
.950	.207	.190	.170	.175	.193	.217	.244	.135	.950

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, LARGE TRAPEZOIDAL CANARD CONFIGURATION

(a) $\delta_c = 0^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 0^o$		$\beta = 0^o$				
				Upper surface					
.011	.065	.104	.091	.088	.085				.011
.025							.122		.025
.050	.047	.089	.078	.074	.071	.083	.111	.114	.050
.100	.038	.065	.055	.052	.055	.063	.091	.097	.100
.150	.031	.045	.062	.044		.050	.083	.081	.150
.200	.019	.026	.045	.040	.038	.037	.068	.065	.200
.250	.012	.018	.033	.033	.027	.024	.051		.250
.300	.011	.005	.018			.014	.038	.039	.300
.350	.007	.002	.005	.017	.014	.005	.024	.026	.350
.400	-.004	-.009	-.007	.004	.006	-.005	.009	.017	.400
.450	-.012	-.018	-.018	-.008	-.002	-.012	-.005	.008	.450
.500	-.019	-.024	-.026	-.019	-.009	-.024	-.014	.001	.500
.650	-.038	-.045	-.052	-.051	-.039	-.047	-.041	-.018	.650
.800	-.049	-.063	-.072	-.074	-.071	-.071	-.072	-.037	.800
.950	-.064	-.081	-.090	-.072	-.078	-.066	-.064	-.053	.950
				Lower surface					
.011	.063	.117	.107	.086	.106				.011
.020						.190	.138		.020
.050		.111	.100	.090	.090		.129	.125	.050
.100	.046	.094	.092	.077	.073	.087	.117	.108	.100
.150	.048	.076	.084	.064	.062	.069	.100	.096	.150
.200	.049	.054	.072	.057	.051		.077	.077	.200
.250	.041	.047	.057	.057		.045	.063	.054	.250
.300	.030		.040	.045	.035	.031	.050	.061	.300
.350	.021	.027	.026	.033		.026	.033	.028	.350
.400	.007	.009	.012	.017	.021	.013	.021	.017	.400
.450	.005	.001	.000	.002	.012	-.003	.006	.009	.450
.500	-.002	-.009	-.009	-.007		-.012	-.006	.002	.500
.650	-.023	-.029	-.037	-.036	-.029	-.036	-.036	-.016	.650
.800	-.040	-.054	-.061	-.065	-.059	-.057	-.061	-.036	.800
.950	-.059	-.068	-.072	-.073	-.073	-.070	-.077	-.050	.950
			$\alpha = 2^o$		$\beta = 0^o$				
				Upper surface					
.011	.042	.046	.021	.020	.018				.011
.025							.062		.025
.050	.031	.036	.006	-.001	.013	.025	.048	.055	.050
.100	.023	.024	.021	-.007	.001	.006	.034	.043	.100
.150	.007	.005	-.005	-.014		-.004	.023	.029	.150
.200	-.001	-.008	-.004	-.019	-.023	-.013	.011	.015	.200
.250	-.007	-.013	-.019	-.020	-.032	-.027	-.004		.250
.300	-.014	-.025	-.030			-.037	-.015	.002	.300
.350	-.015	-.034	-.039	-.027	-.046	-.045	-.030	-.001	.350
.400	-.026	-.044	-.052	-.044	-.055	-.056	-.040	-.011	.400
.450	-.026	-.052	-.052	-.055	-.049	-.065	-.042	-.017	.450
.500	-.038	-.040	-.063	-.063	-.063	-.075	-.056	-.023	.500
.650	-.057	-.070	-.075	-.080	-.077	-.094	-.082	-.037	.650
.800	-.070	-.094	-.096	-.103	-.106	-.099	-.110	-.057	.800
.950	-.086	-.107	-.094	-.082	-.086	-.086	-.086	-.061	.950
				Lower surface					
.011	.094	.180	.195	.178	.187				.011
.020						.264	.208		.020
.050		.166	.178	.178	.165	.169	.205	.195	.050
.100		.131	.164	.161	.152	.154	.187		.100
.150	.070	.105	.146	.143	.134	.137	.166	.165	.150
.200	.071	.086	.125	.131	.124		.137	.126	.200
.250	.063	.077	.106	.117		.105	.116	.106	.250
.300	.056		.089	.099	.105	.098	.108	.099	.300
.350	.046	.054	.068	.077		.086	.082	.064	.350
.400	.033	.042	.049	.065	.077	.074	.074	.053	.400
.450	.034	.030	.040	.041	.060	.067	.062	.040	.450
.500	.028	.021	.026	.030	.054	.057	.050	.022	.500
.650	.002	.000	-.009	-.001	.011	.022	.013	-.008	.650
.800	-.012	-.028	-.033	-.039	-.028	-.011	-.012	-.033	.800
.950	-.030	-.042	-.054	-.057	-.051	-.041	-.033	-.049	.950

[redacted]

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 4^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.007	.000	-.024	-.021	-.021				.011
.025							.017		.025
.050	.002	-.007	-.034	-.043	-.024	-.013	.004	.009	.050
.100	-.004	-.018	-.005	-.045	-.036	-.037	-.005	.000	.100
.150	-.017	-.034		-.052		-.043	-.017	-.014	.150
.200	-.020	-.041		-.057	-.062	-.043	-.028	-.015	.200
.250	-.026	-.045	-.050	-.059	-.069	-.062	-.041		.250
.300	-.034	-.045	-.059			-.073	-.055	-.024	.300
.350	-.034	-.057	-.066	-.062	-.084	-.081	-.066	-.026	.350
.400	-.046	-.064	-.072	-.081	-.088	-.090	-.081	-.034	.400
.450	-.043	-.071	-.068	-.084	-.083	-.100	-.076	-.043	.450
.500	-.056	-.050	-.083	-.092	-.097	-.107	-.095	-.050	.500
.650	-.073	-.082	-.096	-.100	-.103	-.126	-.115	-.059	.650
.800	-.087	-.105	-.114	-.120	-.124	-.116	-.137	-.082	.800
.950	-.101	-.119	-.107	-.100	-.102	-.111	-.114	-.097	.950
Lower surface									
.011	.140	.245	.280	.265	.274				.011
.020						.324	.287		.020
.050		.222	.251	.260	.248	.241	.279	.277	.050
.100		.175	.230	.240	.237	.229	.259		.100
.150	.104	.150	.199	.218	.217	.213	.237	.231	.150
.200	.106	.127	.170	.197	.202		.196	.185	.200
.250	.094	.113	.148	.173		.181	.178	.159	.250
.300	.090		.128	.153	.171	.170	.170	.143	.300
.350	.078	.090	.106	.129	.173	.157	.141	.107	.350
.400	.066	.073	.086	.111	.132	.141	.132	.092	.400
.450	.066	.059	.077	.082	.107	.129	.122	.072	.450
.500	.061	.050	.056	.076		.120	.113	.051	.500
.650	.030	.036	.023	.035	.048	.073	.073	.010	.650
.800	.022	-.001	-.003	.000	.006	.033	.045	-.022	.800
.950	-.001	-.015	-.022	-.029	-.028	-.002	.017	-.038	.950
	$\alpha = 6^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.065	-.058	-.072	-.062	-.068				.011
.025							-.031		.025
.050	-.044	-.063	-.084	-.084	-.068	-.060	-.044	-.032	.050
.100	-.041	-.069		-.083	-.079	-.084	-.051	-.044	.100
.150	-.056		-.092	-.090		-.083	-.062	-.051	.150
.200	-.051	-.084	-.092	-.092	-.103	-.083	-.073	-.046	.200
.250	-.057	-.084	-.096	-.096	-.110	-.102	-.084		.250
.300	-.065	-.082	-.107			-.113	-.096	-.053	.300
.350	-.065	-.091	-.109	-.103	-.118	-.120	-.108	-.051	.350
.400		-.095		-.117	-.126	-.128		-.060	.400
.450	-.066	-.101	-.109	-.124	-.120	-.136	-.111	-.068	.450
.500	-.079	-.098	-.113	-.123	-.136	-.145	-.130	-.071	.500
.650	-.095	-.109	-.116	-.127	-.141	-.160	-.148	-.086	.650
.800	-.111	-.130	-.127	-.143	-.143	-.132	-.163	-.116	.800
.950	-.123	-.147	-.130	-.128	-.134	-.141	-.141	-.129	.950
Lower surface									
.011	.211	.338	.373	.358	.367				.011
.020						.358	.383		.020
.050		.279	.332	.346	.341	.323	.369	.374	.050
.100		.226	.290	.318	.323	.312	.339		.100
.150	.141	.196	.252	.282	.297	.297	.309	.314	.150
.200	.145	.169	.218	.251	.274		.276	.259	.200
.250	.134	.155	.191	.220		.258	.255	.225	.250
.300	.127		.169	.197	.224	.245	.246	.203	.300
.350	.115	.127	.148	.169	.220	.225	.218	.160	.350
.400	.103	.113	.128	.152	.177	.205	.211	.141	.400
.450	.099	.099	.114	.125	.157	.190	.198	.113	.450
.500	.093	.089	.092	.115		.174	.186	.087	.500
.650	.063	.066	.058	.070	.089	.117	.139	.045	.650
.800	.050	.027	.034	.033	.042	.069	.096	.010	.800
.950	.027	.016	.003	.005	.013	.034	.061	-.020	.950

[redacted]

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$ $\beta = 0^o$								
Upper surface									
.011	-.122	-.100	-.105	-.101	-.104				.011
.025							-.071		.025
.050	-.089	-.103	-.121	-.120	-.108	-.100	-.082	-.071	.050
.100	-.075	-.110		-.117	-.116	-.122	-.091	-.079	.100
.150	-.087	-.123	-.126	-.123		-.122	-.101	-.082	.150
.200	-.079	-.122	-.136	-.128	-.136	-.119	-.108	-.077	.200
.250	-.084	-.120	-.137	-.129	-.143	-.140	-.119		.250
.300	-.091		-.139			-.149	-.129	-.083	.300
.350	-.092	-.121	-.141	-.137	-.153	-.155	-.139	-.078	.350
.400	-.103	-.119	-.141	-.156	-.161	-.161	-.149	-.083	.400
.450	-.094	-.119	-.133	-.156	-.152	-.167	-.141	-.100	.450
.500	-.102	-.116	-.141	-.158	-.169	-.173	-.161	-.102	.500
.650	-.109	-.127	-.141	-.154	-.166	-.187	-.181	-.121	.650
.800	-.127	-.148	-.145	-.166	-.164	-.154	-.181	-.152	.800
.950	-.142	-.161	-.154	-.156	-.161	-.167	-.171	-.164	.950
Lower surface									
.011	.301	.443	.490	.484	.503				.011
.020						.521	.496		.020
.050		.338	.405	.442	.454	.438	.465	.484	.050
.100		.280	.343	.388	.412	.416	.433		.100
.150	.184	.246	.301	.343	.368	.389	.405	.398	.150
.200	.196	.217	.263	.304	.337		.363	.329	.200
.250	.182	.201	.244	.274		.332	.337	.284	.250
.300	.174		.212	.246	.280	.307	.323	.260	.300
.350	.159	.168	.191	.216		.286	.290	.212	.350
.400	.142	.153	.167	.198	.225	.258	.279	.190	.400
.450	.138	.141	.154	.171	.199	.237	.261	.168	.450
.500	.131	.128	.132	.160	.182	.219	.244	.135	.500
.650	.093	.098	.094	.112	.127	.156	.185	.082	.650
.800	.079	.056	.061	.065	.080	.105	.140	.041	.800
.950	.061	.044	.040	.041	.054	.066	.093	.003	.950
	$\alpha = 10^o$ $\beta = 0^o$								
Upper surface									
.011	-.180	-.151	-.146	-.138	-.143				.011
.025							-.117		.025
.050	-.151	-.160	-.162	-.161	-.145	-.130	-.124	-.107	.050
.100	-.116	-.156		-.156	-.154	-.149	-.129	-.115	.100
.150	-.129	-.170	-.170	-.164		-.154	-.139	-.117	.150
.200	-.120	-.165	-.177	-.171	-.171	-.155	-.145	-.117	.200
.250	-.117	-.162	-.178	-.172	-.175	-.173	-.152		.250
.300	-.124		-.178			-.184	-.159	-.117	.300
.350	-.122		-.178	-.177	-.184	-.191	-.167		.350
.400	-.124	-.143	-.179	-.192	-.192	-.196	-.181	-.120	.400
.450	-.119	-.146	-.171	-.194	-.185	-.200		-.134	.450
.500	-.132	-.143	-.183	-.197	-.199	-.206	-.191	-.143	.500
.650	-.132	-.151	-.178	-.185	-.192	-.212	-.212	-.161	.650
.800	-.147	-.170	-.162	-.197	-.185	-.179	-.200	-.194	.800
.950	-.161	-.186	-.174	-.187	-.190	-.193	-.196	-.196	.950
Lower surface									
.011	.392	.543	.610	.597	.647				.011
.020						.680	.659		.020
.050		.411	.481	.523	.549	.562	.603	.630	.050
.100		.344	.409	.450	.481	.509	.545		.100
.150		.306	.362	.399	.434	.468	.502	.496	.150
.200	.260	.275	.324	.359	.397		.455	.419	.200
.250	.244	.259	.300	.331		.393	.425	.366	.250
.300	.231		.269	.299	.330	.362	.401	.337	.300
.350	.217	.229	.251	.266	.322	.338	.371	.285	.350
.400	.195	.210	.229	.252	.276	.316	.351	.260	.400
.450	.189	.195	.209	.224	.250	.289	.329	.224	.450
.500	.180	.178	.190	.212		.272	.303	.195	.500
.650	.139	.145	.145	.159	.175	.208	.241	.131	.650
.800	.124	.103	.108	.107	.126	.153	.187	.078	.800
.950	.104	.093	.078	.079	.092	.113	.138	.038	.950

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			α = 12°		β = 0°				
				Upper surface					
.011	-.200	-.177	-.173	-.166	-.169				.011
.025							-.133		.025
.050	-.171	-.193	-.185	-.187	-.169	-.155	-.141	-.132	.050
.100	-.151	-.185	-.178	-.181	-.178	-.175	-.149	-.135	.100
.150	-.149	-.193	-.193	-.187		-.184	-.159	-.136	.150
.200	-.139	-.187	-.198	-.193	-.196	-.179	-.166	-.130	.200
.250	-.137	-.186	-.197	-.196	-.203	-.197	-.173		.250
.300	-.141	-.178	-.192			-.201	-.180	-.134	.300
.350	-.136	-.174	-.193	-.197	-.206	-.207	-.188	-.132	.350
.400	-.137	-.153	-.194	-.212	-.210	-.215	-.197	-.142	.400
.450	-.130	-.154	-.185	-.210	-.209	-.217		-.155	.450
.500	-.137	-.155	-.201	-.212	-.219	-.222	-.207	-.164	.500
.650	-.136	-.161	-.194	-.203	-.204	-.218	-.223	-.183	.650
.800	-.152	-.183	-.177	-.212	-.207	-.192	-.213	-.217	.800
.950	-.165	-.196	-.181	-.204	-.209	-.206	-.211	-.212	.950
				Lower surface					
.011	.465	.624	.697	.686	.756				.011
.020						.738	.790		.020
.050		.473	.543	.590	.632	.667	.716	.759	.050
.100		.400	.465	.512	.551	.592	.641		.100
.150	.314	.363	.414	.456	.497	.541	.586	.589	.150
.200	.321	.325	.377	.415	.457		.532	.498	.200
.250	.300	.311	.347	.384	.408	.461	.494	.441	.250
.300	.281		.324	.351	.388	.429	.472	.405	.300
.350	.267	.279	.300	.325	.345	.401	.436	.350	.350
.400	.240	.255	.272	.304	.326	.375	.414	.317	.400
.450	.234	.238	.258	.277	.307	.349	.391	.281	.450
.500	.225	.223	.237	.263	.289	.329	.363	.248	.500
.650	.181	.192	.189	.208	.224	.261	.300	.177	.650
.800	.171	.149	.155	.150	.173	.210	.241	.119	.800
.950	.153	.136	.122	.124	.142	.167	.185	.076	.950
			α = 15°		β = 0°				
				Upper surface					
.011	-.225	-.234	-.218	-.205	-.211				.011
.025							-.194		.025
.050	-.203	-.225	-.224	-.216	-.197	-.187	-.185	-.185	.050
.100	-.183	-.216	-.232	-.211	-.206	-.204	-.178	-.173	.100
.150	-.178	-.224	-.229	-.217		-.211	-.187	-.171	.150
.200	-.164	-.222	-.231	-.225	-.226	-.206	-.194	-.164	.200
.250	-.164	-.224	-.231	-.224	-.231	-.223	-.204		.250
.300	-.167	-.206	-.229			-.228	-.209	-.164	.300
.350	-.166	-.202	-.229	-.226	-.236	-.235	-.216	-.162	.350
.400	-.173	-.197	-.234	-.242	-.242	-.242	-.223	-.172	.400
.450	-.159	-.197	-.223	-.241	-.236	-.244	-.215	-.191	.450
.500	-.177	-.198	-.236	-.237	-.248	-.247	-.231	-.197	.500
.650	-.156	-.200	-.224			-.245	-.244	-.211	.650
.800	-.158	-.221	-.198	-.236	-.238	-.221	-.242	-.242	.800
.950	-.183	-.230	-.203	-.232	-.238	-.238	-.235	-.226	.950
				Lower surface					
.011	.517	.723	.818	.808	.879				.011
.020						.806	.931		.020
.050		.555	.637	.693	.739	.791	.846	.902	.050
.100		.478	.552	.602	.646	.697	.758		.100
.150		.441	.500	.539	.583	.639	.695	.695	.150
.200	.402	.401	.455	.484	.539		.633	.603	.200
.250	.380	.391	.432	.463		.548	.590	.534	.250
.300	.362		.400	.432	.462	.510	.564	.490	.300
.350	.344	.356	.377		.408	.483	.524	.432	.350
.400	.313	.327	.342	.357	.408		.499	.393	.400
.450	.303	.306	.328	.348	.378	.427	.474	.355	.450
.500	.294	.290	.302	.334		.406	.441	.315	.500
.650	.243	.251	.252	.272	.289	.328	.376	.238	.650
.800	.234	.206	.210	.209	.236	.272	.313	.171	.800
.950	.218	.199	.183	.182	.201	.222	.245	.122	.950

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^o$				$\beta = 0^o$				
Upper surface									
.011	.096	.209	-.056	.030	.053				.011
.025							.102		.025
.050	.091	.203	-.001	.017	.032	.062	.089	.098	.050
.100	.084	.170	.018	-.011	.017	.045	.069	.085	.100
.150	.070	.121	.044	-.011		.037	.061	.066	.150
.200	.061	.064	.039	.008	.002	.013	.047	.050	.200
.250	.064	.042		.012	-.009	.009	.033		.250
.300	.072	.018	.025			-.007	.021	.021	.300
.350	.053	.011	.013	.008	-.018	-.019	.005	.012	.350
.400	.023	.001	-.001	.001	-.018	-.030	-.005	.002	.400
.450	.000	-.008	-.020	.000	-.026	-.040	-.026	-.005	.450
.500	-.013	-.034	-.023	-.011	-.021	-.050	-.026	-.009	.500
.650	-.044	-.049	-.052	-.047	-.045	-.075	-.061	-.031	.650
.800	-.044	-.069	-.076	-.075	-.069	-.097	-.090	-.050	.800
.950	-.063	-.081	-.097	-.093	-.084	-.068	-.071	-.065	.950
Lower surface									
.011	.002	.051		.147	.140				.011
.020						.201	.165		.020
.050		.037	.120	.165	.128	.131	.152	.147	.050
.100		.014	.096	.149	.112	.109	.139		.100
.150	.007	-.006	.078	.107	.112	.095	.123	.114	.150
.200	.006	.002	.071	.079	.106		.106	.097	.200
.250	.000	.008	.050	.069		.071	.088	.071	.250
.300	-.011		.039	.054	.065		.072	.083	.300
.350	-.013	.023	.026		.057	.049	.067	.046	.350
.400	-.020	.008	.011	.019	.025	.054	.050	.032	.400
.450	-.011	.001	-.004	.009	.026	.036	.040	.023	.450
.500	-.006	-.008	-.001	-.005	.007	.027	.020	.015	.500
.650	-.011	-.025	-.036	-.030	-.030	-.008	-.004	-.008	.650
.800	-.034	-.043	-.060	-.063	-.061	-.044	-.034	-.028	.800
.950	-.054	-.063	-.075	-.077	-.070	-.072	-.057	-.041	.950
	$\alpha = 2^o$				$\beta = 0^o$				
Upper surface									
.011	.073	.146	-.062	-.038	-.002				.011
.025							.047		.025
.050	.062	.130	-.033	-.046	-.026	-.012	.033	.047	.050
.100	.056	.080	-.047		-.044	-.014	.014	.035	.100
.150	.043	.057	-.017	-.066		-.021	.007	.019	.150
.200	.033	.028	-.013	-.052	-.057	-.038	-.005	.009	.200
.250	.028	.015		-.050	-.065	-.039	-.018		.250
.300	.032	-.031	-.026			-.050	-.028	-.002	.300
.350	.021	-.030	-.037	-.051	-.069	-.062	-.043	-.014	.350
.400	.005	-.035	-.047	-.043	-.067	-.073	-.054	-.021	.400
.450	-.018	-.043	-.064	-.043	-.084	-.083		-.021	.450
.500	-.037	-.066	-.073	-.054	-.075	-.096		-.031	.500
.650	-.069	-.076	-.095	-.083	-.098	-.117	-.096	-.050	.650
.800	-.066	-.095	-.111	-.099	-.109	-.125	-.127	-.065	.800
.950	-.090	-.102	-.127	-.112	-.108	-.099	-.102	-.085	.950
Lower surface									
.011	.040	.091	.264		.221				.011
.020						.268	.234		.020
.050		.079	.186	.247	.210	.198	.220	.215	.050
.100		.059	.157	.207	.198	.179	.201		.100
.150	.021	.051	.137	.168	.189	.166	.179	.178	.150
.200	.028	.048	.118	.140	.172		.159	.150	.200
.250	.026	.055	.098	.123		.143	.142	.118	.250
.300	.019		.085	.100	.122	.135	.127	.120	.300
.350	.026	.056	.069		.102	.123	.122	.083	.350
.400	.019	.041	.050	.063	.074	.091	.106	.062	.400
.450	.023	.040	.038	.052	.073	.092	.094	.048	.450
.500	.027	.026	.037	.035	.059	.078	.076	.036	.500
.650	.017	.007	-.002	.007	.010	.035	.052	.002	.650
.800	-.003	-.014	-.027	-.033	-.023	-.008	.019	-.029	.800
.950	-.024	-.037	-.048	-.049	-.044	-.040	-.017	-.041	.950

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	.008	.074	-.085	-.084	-.065				.011
.025							-.015		.025
.050	.007	.050	-.083	-.093	-.087	-.066	-.026	-.013	.050
.100	.009	-.005	-.090		-.099	-.072	-.049	-.026	.100
.150	.002	-.018	-.062	-.116		-.080	-.050	-.034	.150
.200	-.013	-.034	-.068	-.110	-.101	-.100	-.064	-.036	.200
.250	-.019	-.044		-.106	-.109	-.095	-.076		.250
.300	-.017	-.068	-.085			-.108	-.085	-.043	.300
.350	-.026	-.064	-.085	-.108	-.122	-.118	-.100	-.053	.350
.400	-.038	-.077	-.093	-.100	-.121	-.125	-.112	-.059	.400
.450	-.058	-.097	-.097	-.103	-.137	-.132	-.131	-.062	.450
.500	-.057	-.112	-.101	-.103	-.127	-.139	-.126	-.068	.500
.650	-.099	-.114	-.122	-.126	-.144	-.158	-.147	-.091	.650
.800	-.095	-.125	-.135	-.134	-.142	-.154	-.165	-.109	.800
.950	-.119	-.137	-.151	-.144	-.139	-.140	-.141	-.142	.950
Lower surface									
.011	.064	.175	.324	.326	.306				.011
.020						.349	.314		.020
.050		.151	.252	.312	.300	.274	.291	.294	.050
.100	.057	.118	.213	.266	.281	.253	.267		.100
.150	.046	.106	.183	.229	.259	.243	.243	.246	.150
.200	.055	.093	.162	.199	.234		.223	.211	.200
.250	.060	.096	.139	.176		.221	.207	.169	.250
.300	.055		.120	.149	.179	.209	.189	.171	.300
.350	.061	.085	.102		.148	.183	.189	.126	.350
.400	.056	.071	.091	.107	.114	.153	.174	.100	.400
.450	.057	.068	.074	.092	.118	.142	.164	.082	.450
.500	.055	.057	.071	.075	.097	.125	.139	.064	.500
.650	.036	.034	.032	.043	.049	.075	.105	.027	.650
.800	.020	.009	.002	.001	.014	.030	.060	-.012	.800
.950	.000	-.018	-.020	-.015	-.011	-.007	.021	-.028	.950
$\alpha = 6^o$ $\beta = 0^o$									
Upper surface									
.011	-.081	-.014	-.121	-.122	-.108				.011
.025							-.052		.025
.050	-.054	-.038	-.123	-.126	-.132	-.113	-.064	-.051	.050
.100	-.050	-.073	-.139	-.147	-.141	-.120	-.084	-.064	.100
.150	-.040	-.081	-.109	-.149		-.117	-.086	-.065	.150
.200	-.056	-.089	-.109	-.145	-.142	-.137	-.097	-.060	.200
.250	-.071	-.091	-.114	-.143	-.150	-.134	-.109		.250
.300	-.059	-.107	-.115			-.141	-.118	-.065	.300
.350	-.066	-.102	-.116	-.142	-.158	-.148	-.129	-.076	.350
.400	-.073	-.109	-.122	-.135	-.156	-.156	-.140	-.083	.400
.450	-.092	-.114	-.135	-.140	-.172	-.161		-.082	.450
.500	-.085	-.129	-.128	-.143	-.161	-.168	-.153	-.084	.500
.650	-.111	-.142	-.145	-.159	-.174	-.184	-.173	-.124	.650
.800	-.124	-.143	-.154	-.153	-.165	-.177	-.180	-.140	.800
.950	-.143	-.159	-.165	-.161	-.161	-.159	-.161	-.171	.950
Lower surface									
.011	.153	.261	.406	.421	.421				.011
.020						.469	.414		.020
.050		.234	.317	.381	.399	.368	.382	.399	.050
.100		.190	.281	.322	.357	.348	.353		.100
.150	.103	.171	.246	.286	.321	.333	.330	.333	.150
.200	.112	.154	.217	.260	.293		.309	.290	.200
.250	.113	.145	.193	.233		.288	.294	.239	.250
.300	.105		.171	.202	.234	.276	.277		.300
.350	.108	.121	.150		.199	.241	.268	.184	.350
.400	.100	.112	.138	.155	.184		.249	.156	.400
.450	.100	.115	.118	.136	.169	.202	.232	.134	.450
.500	.096	.101	.115	.120	.141	.182	.206	.118	.500
.650	.079	.075	.075	.085	.092	.125	.162	.072	.650
.800	.062	.044	.042	.035	.055	.077	.112	.027	.800
.950	.042	.028	.010	.017	.030	.040	.063	.005	.950

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$ $\beta = 0^o$								
Upper surface									
.011	-.154	-.096	-.132	-.148	-.140				.011
.025							-.095		.025
.050	-.117	-.102	-.137	-.153	-.161	-.143	-.105	-.087	.050
.100	-.095	-.133		-.168	-.169	-.146	-.123	-.102	.100
.150	-.092	-.130	-.148	-.174		-.152	-.122	-.098	.150
.200	-.092	-.130	-.156	-.180	-.173	-.171	-.130	-.094	.200
.250	-.104	-.130	-.155	-.181	-.180	-.166	-.140		.250
.300	-.097	-.146	-.154			-.174	-.151	-.100	.300
.350	-.102	-.132	-.153	-.181	-.187	-.180	-.160	-.109	.350
.400	-.102	-.135	-.154	-.174	-.192	-.186	-.168	-.114	.400
.450		-.134	-.164	-.174	-.203	-.193	-.187	-.114	.450
.500	-.114	-.135	-.155	-.175	-.196	-.197	-.183	-.127	.500
.650	-.132	-.154	-.168	-.190	-.201	-.201	-.204	-.160	.650
.800	-.133	-.164	-.172	-.186	-.186	-.196	-.192	-.181	.800
.950	-.168	-.175	-.183	-.173	-.184	-.181	-.187	-.204	.950
Lower surface									
.011	.223	.393	.490	.509	.547				.011
.020						.551	.535		.020
.050		.311	.394	.451	.478	.479	.498	.516	.050
.100		.251	.338	.389	.424	.440	.462		.100
.150	.146	.223	.295	.344	.380	.408	.431	.422	.150
.200	.155	.199	.265	.309	.349		.398	.365	.200
.250	.152	.189	.238	.281		.349	.372	.311	.250
.300	.146		.217	.248	.283	.333	.350	.295	.300
.350	.146	.168	.194		.237	.297	.332	.248	.350
.400	.136	.155	.176	.206	.230		.311	.216	.400
.450	.135	.148	.160	.184	.212	.250	.290	.190	.450
.500	.129	.133	.153	.164	.181	.231	.262	.170	.500
.650	.108	.105	.108	.125	.129	.170	.211	.111	.650
.800	.094	.076	.077	.066	.091	.118	.154	.057	.800
.950	.072	.059	.045	.052	.063	.080	.107	.031	.950
	$\alpha = 10^o$ $\beta = 0^o$								
Upper surface									
.011	-.204	-.158	-.174	-.186	-.169				.011
.025							-.133		.025
.050	-.177	-.162	-.181	-.187	-.187	-.174	-.140	-.120	.050
.100	-.145	-.188		-.200	-.199	-.184	-.156	-.130	.100
.150	-.135	-.184	-.191	-.204		-.187	-.156	-.128	.150
.200	-.145	-.177	-.195	-.203	-.200	-.200	-.167	-.122	.200
.250	-.143	-.177	-.197	-.205	-.205	-.201	-.177		.250
.300	-.134	-.191	-.191			-.211	-.182	-.124	.300
.350	-.136	-.174	-.193	-.207	-.217	-.216	-.194	-.135	.350
.400	-.140	-.161	-.195	-.205	-.217	-.217	-.203	-.143	.400
.450	-.149	-.165	-.205	-.209	-.230	-.222	-.212	-.146	.450
.500	-.143	-.160	-.192	-.210	-.225	-.229	-.212	-.155	.500
.650	-.149	-.177		-.214	-.222	-.219	-.230	-.195	.650
.800	-.161	-.188	-.185	-.212	-.207	-.219	-.210	-.217	.800
.950	-.184	-.204	-.198	-.204	-.207	-.210	-.211	-.225	.950
Lower surface									
.011	.257	.505	.589	.597	.660				.011
.025							.679		.025
.050		.379	.456	.517	.555	.577	.614	.648	.050
.100		.312	.393	.444	.484	.514	.556		.100
.150	.210	.280	.347	.394	.435	.473	.507	.510	.150
.200	.218	.248	.314	.364	.395		.466	.439	.200
.250	.214	.241	.288	.330		.400	.434	.376	.250
.300	.202		.265	.297	.329	.372	.410	.353	.300
.350	.199	.213	.244		.279	.343	.388	.301	.350
.400	.185	.197	.217	.251	.263	.288	.360	.267	.400
.450	.177	.189	.202	.232	.255	.295	.339	.235	.450
.500	.169	.174	.193	.211	.219	.274	.307	.209	.500
.650	.143	.139	.148	.160	.171	.212	.251	.146	.650
.800	.129	.113	.108	.100	.128	.160	.195	.083	.800
.950	.108	.094	.078	.083	.098	.115	.142	.052	.950

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 12^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.225	-.192	-.208	-.211	-.199				.011
.025							-.166		.025
.050	-.199	-.197	-.210	-.212	-.200	-.187	-.163	-.156	.050
.100	-.173	-.213	-.234	-.219	-.208	-.197	-.175	-.159	.100
.150	-.169	-.213	-.219	-.225		-.207	-.178	-.153	.150
.200	-.171	-.208	-.224	-.229	-.223	-.211	-.186	-.152	.200
.250	-.173	-.206	-.224	-.227	-.227	-.218	-.194		.250
.300	-.163	-.211	-.221			-.225	-.203	-.152	.300
.350	-.161	-.197	-.220	-.230	-.234	-.230	-.211	-.161	.350
.400	-.159	-.184	-.223	-.234	-.239	-.237	-.218	-.171	.400
.450	-.162	-.182	-.229	-.232	-.242	-.242	-.225	-.179	.450
.500	-.159	-.184	-.225	-.230	-.243	-.246	-.230	-.187	.500
.650	-.156	-.192	-.223		-.230	-.232	-.244	-.218	.650
.800	-.163	-.205	-.200	-.230	-.227	-.230	-.233	-.242	.800
.950	-.187	-.220	-.206	-.226	-.227	-.230	-.232	-.232	.950
Lower surface									
.011	.375	.588	.671	.677	.754				.011
.020						.691	.798		.020
.050		.446	.521	.585	.631	.670	.718	.769	.050
.100		.373	.447	.517	.549	.591	.640		.100
.150		.338	.403	.452	.495	.536	.586	.591	.150
.200	.288	.305	.365	.411	.452		.535	.511	.200
.250	.277	.296	.336			.461	.500	.444	.250
.300	.263		.313	.347	.383	.429	.474	.415	.300
.350	.256	.268	.289		.326	.400	.451	.357	.350
.400	.235	.242	.266	.301	.326		.421	.318	.400
.450	.226	.232	.250	.283	.311	.347	.396	.283	.450
.500	.217	.217	.235	.262	.263	.326	.362	.257	.500
.650	.179	.183	.189	.211	.221	.261	.302	.185	.650
.800	.169	.153	.149	.151	.176	.207	.242	.121	.800
.950	.149	.135	.125	.129	.146	.162	.183	.089	.950
	$\alpha = 15^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.191	-.219	-.226	-.219	-.223				.011
.025							-.213		.025
.050	-.213	-.221	-.225	-.221	-.206	-.200	-.194	-.196	.050
.100	-.187	-.225	-.237	-.223	-.215	-.210	-.190	-.185	.100
.150	-.185	-.232	-.237	-.230		-.217	-.198	-.180	.150
.200	-.178	-.230	-.239	-.237	-.231	-.213	-.206	-.173	.200
.250	-.181	-.232	-.241	-.238	-.238	-.229	-.211		.250
.300	-.183	-.223	-.238			-.234	-.217	-.173	.300
.350	-.177	-.213	-.241	-.238	-.247	-.237	-.224	-.177	.350
.400	-.177	-.206	-.242	-.251	-.253	-.245	-.231	-.186	.400
.450	-.166	-.209	-.235	-.250	-.245	-.251	-.228	-.199	.450
.500	-.175	-.206	-.244	-.248	-.255	-.254	-.241	-.207	.500
.650	-.160	-.207	-.237		-.238	-.251	-.254	-.226	.650
.800	-.172	-.234	-.210	-.242	-.245	-.235	-.251	-.254	.800
.950	-.185	-.231	-.210	-.236	-.243	-.248	-.244	-.237	.950
Lower surface									
.011	.453	.704	.798	.792	.865				.011
.020						.781	.927		.020
.050		.534	.620	.678	.729	.781	.841	.896	.050
.100		.457	.534	.574	.638	.692	.756	.778	.100
.150		.421	.485	.530	.576	.609	.686	.696	.150
.200	.378	.385	.441	.461	.531		.627	.608	.200
.250	.366	.376	.415			.541	.587	.536	.250
.300	.353		.392	.422	.474	.475	.560	.495	.300
.350	.337	.343	.364				.525	.429	.350
.400	.311	.315	.331	.348	.378		.497	.391	.400
.450	.300	.300	.317	.345	.376	.420	.469	.352	.450
.500	.290	.282	.300	.325	.309	.400	.432	.317	.500
.650	.243	.241	.246	.268	.285	.322	.373	.236	.650
.800	.229	.204	.203	.205	.231	.266	.306	.169	.800
.950	.211	.194	.177	.180	.198	.219	.243	.122	.950

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^\circ$				$\beta = 0^\circ$				
	Upper surface								
.011	.263	.390	-.077	-.017	.025				.011
.025							.088		.025
.050	.195	.347	-.038	-.039	.015	.045	.075	.090	.050
.100	.184	.245	.013	-.046	-.004	.027	.054	.077	.100
.150	.172	.174	.092	-.032		.021	.047	.059	.150
.200	.153	.117	.083	-.015	-.034	.013	.031	.044	.200
.250	.143	.086		-.013	-.044	-.001	.019		.250
.300	.117	.060	.051			-.014	.005	.025	.300
.350	.085	.049	.039	-.009	-.030	-.030	-.008	.015	.350
.400	.045	.027	.021	.027	-.030	-.041	-.019	.002	.400
.450	.020	.015	.009	.023	-.030	-.052	-.028	-.005	.450
.500	.001	-.001	.002	.008	-.037	-.065	-.036	-.012	.500
.650	-.030	-.043	-.033	-.034	-.044	-.084	-.060	-.026	.650
.800	-.033	-.060	-.066	-.066	-.050	-.085	-.092	-.046	.800
.950	-.051	-.066	-.084	-.091	-.079	-.073	-.072	-.057	.950
	Lower surface								
.011	-.078	-.076	.205	.203	.184				.011
.020						.263	.176		.020
.050		-.089	.149	.206	.167	.147	.162	.170	.050
.100		-.103	.112	.177	.156	.135	.149	.179	.100
.150	-.056	-.091		.142	.142	.121	.132	.136	.150
.200	-.071	-.076	.028	.121	.132		.105	.105	.200
.250	-.070	-.063	-.017	.103	.030	.096	.093	.084	.250
.300	-.082		-.022	.063	.093	.100	.080		.300
.350	-.068	-.038	-.033		.042	.079	.069	.048	.350
.400	-.042	-.064	-.040	.002	.021	.049	.055	.033	.400
.450	.007	-.038	-.047	-.016		.054	.044	.019	.450
.500	.026	-.040	-.034	-.035	-.017	.041	.034	.014	.500
.650	-.023	-.026	-.049	-.056	-.045	-.001	.005	-.017	.650
.800	-.044	-.037	-.066	-.080	-.079	-.041	-.023	-.031	.800
.950	-.040	-.070	-.079	-.090	-.092	-.078	-.042	-.050	.950
	$\alpha = 4^\circ$				$\beta = 0^\circ$				
	Upper surface								
.011	.122	.176	-.075	-.103	-.080				.011
.025							-.026		.025
.050	.100	.108	-.039	-.132	-.074	-.046	-.042	-.013	.050
.100	.101	.082	-.033	-.108	-.089	-.070	-.048	-.021	.100
.150	.087	.051	-.099	-.099		-.081	-.061	-.031	.150
.200	.080		-.122	-.093	-.113	-.072	-.074	-.033	.200
.250	.068	-.012		-.072	-.107	-.099	-.080		.250
.300	.053	-.034	-.108			-.109	-.086	-.043	.300
.350		-.037	-.095	-.038	-.100	-.116	-.097	-.044	.350
.400	.027	-.050	-.106	-.053	-.107	-.125	-.103	-.052	.400
.450	-.007	-.057	-.082	-.058	-.096	-.133	-.096	-.062	.450
.500	-.037	-.063	-.091	-.069		-.138	-.120	-.069	.500
.650	-.072	-.080	-.110	-.093	-.089	-.147	-.138	-.080	.650
.800	-.082	-.108	-.134	-.125	-.113	-.124	-.154	-.106	.800
.950	-.087	-.114	-.134	-.139	-.128	-.133	-.133	-.120	.950
	Lower surface								
.011	.000	-.118	.222	.462	.453				.011
.020						.329	.301		.020
.050		-.090	.122	.351	.388	.299	.291	.307	.050
.100		-.070	.105		.321	.318	.273		.100
.150	-.013	-.051		.202	.259	.304	.255	.252	.150
.200	-.027	-.035	.110		.220		.231	.199	.200
.250	-.042	-.007	.098	.152		.236	.218	.165	.250
.300	-.040		.083	.120	.160	.189	.222	.152	.300
.350	-.040	.014	.065	.079		.187	.186	.109	.350
.400	-.040	.023	.037	.079		.127	.178	.093	.400
.450	-.012	.018	.041	.051	.082	.133	.164	.074	.450
.500	.012	.015	.025	.043		.116	.150	.050	.500
.650	.023	.016	.002	.006	.026	.056	.090	.021	.650
.800	.009	-.011	-.011	-.023	-.018	.012	.047	-.005	.800
.950	-.012	-.028	-.030	-.044	-.043	-.021	.013	-.030	.950

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^0$				$\beta = 0^0$				
	Upper surface								
.011	-.024	-.106	-.115	-.138	-.134				.011
.025							-.101		.025
.050	-.015	-.115	-.118	-.154	-.132	-.114	-.113	-.082	.050
.100	-.012	-.094		-.138	-.135	-.140	-.116	-.094	.100
.150	-.045	-.107	-.144	-.132		-.143	-.131	-.099	.150
.200	-.042	-.099	-.137	-.128	-.157	-.135	-.139	-.095	.200
.250	-.055	-.099	-.120	-.131	-.154	-.154	-.147		.250
.300	-.072	-.096	-.131			-.165	-.156	-.101	.300
.350	-.065	-.103	-.132	-.122	-.152	-.171	-.162	-.096	.350
.400	-.072	-.112	-.139	-.138	-.154	-.177	-.169	-.097	.400
.450	-.061	-.116	-.131	-.134	-.150	-.184	-.158	-.115	.450
.500	-.077	-.120	-.143	-.134		-.189	-.179	-.125	.500
.650	-.107	-.126	-.134	-.135	-.154	-.188	-.190	-.138	.650
.800	-.124	-.154	-.154	-.159	-.171	-.160	-.179	-.171	.800
.950	-.132	-.163	-.166	-.164	-.162	-.173	-.176	-.181	.950
	Lower surface								
.011	.233	.231	.344	.478	.570				.011
.020						.618	.537		.020
.050		.206	.289	.403	.473	.494	.507	.515	.050
.100		.179	.265		.408	.444	.470		.100
.150	.125	.162	.242	.311	.360	.405	.431	.422	.150
.200	.124	.148	.220		.324		.386	.352	.200
.250	.102	.143	.204	.259		.333	.354	.304	.250
.300	.097		.186	.231	.266	.277	.340	.280	.300
.350	.081	.132	.166		.222	.283	.306	.231	.350
.400	.076	.118	.139	.186		.188	.287	.209	.400
.450	.083	.104	.132	.158	.188	.233	.271	.180	.450
.500	.090	.095	.112	.146	.172	.213	.242	.150	.500
.650	.081	.083	.078	.097	.113	.154	.186	.093	.650
.800	.077	.057	.055	.053	.070	.103	.138	.046	.800
.950	.057	.046	.036	.032	.039	.067	.092	.007	.950
	$\alpha = 12^0$				$\beta = 0^0$				
	Upper surface								
.011	-.121	-.186	-.190	-.185	-.186				.011
.025							-.159		.025
.050	-.099	-.190	-.200	-.205	-.183	-.173	-.166	-.146	.050
.100	-.106	-.176	-.186	-.192	-.190	-.192	-.171	-.151	.100
.150		-.185	-.209	-.194		-.202	-.181	-.154	.150
.200	-.112	-.178	-.204	-.197	-.211	-.192	-.190	-.150	.200
.250	-.113		-.200	-.196	-.216	-.214	-.200		.250
.300	-.124		-.202			-.224	-.204	-.152	.300
.350	-.122	-.171	-.205	-.196	-.220	-.228	-.211	-.148	.350
.400	-.128	-.171	-.211	-.213	-.222	-.234	-.221	-.158	.400
.450	-.114	-.171	-.196	-.210	-.208	-.238	-.208	-.176	.450
.500	-.127	-.171	-.192	-.211	-.224	-.241	-.228	-.185	.500
.650	-.140	-.171	-.169	-.198	-.205	-.232	-.240	-.200	.650
.800	-.166	-.192	-.176	-.214	-.221	-.210	-.224	-.233	.800
.950	-.171	-.204	-.192	-.189	-.214	-.228	-.228	-.223	.950
	Lower surface								
.011	.197	.560	.639	.657	.727				.011
.020						.709	.790		.020
.050		.397	.492	.561	.605	.653	.708	.759	.050
.100		.329	.417	.459	.525	.576	.636		.100
.150	.211	.301	.370	.423	.470	.526	.580	.585	.150
.200	.224	.272	.333		.430		.525	.499	.200
.250	.220	.266	.312	.375		.442	.487	.439	.250
.300	.217		.286	.320	.363	.391	.464	.403	.300
.350	.209	.241	.265		.310	.383	.430	.346	.350
.400	.195	.215	.236	.259		.325	.405	.312	.400
.450	.195	.202	.228	.255	.280	.334	.383	.277	.450
.500	.194	.190	.204	.238	.262	.313	.349	.244	.500
.650	.168	.165	.167	.182	.203	.248	.289	.173	.650
.800	.164	.140	.137	.131	.155	.199	.231	.115	.800
.950	.146	.125	.112	.110	.123	.153	.178	.068	.950

TABLE XI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 15^o$ $\beta = 0^o$								
Upper surface									
.011	-.174	-.215	-.222	-.211	-.221				.011
.025							-.202		.025
.050	-.144	-.223	-.221	-.225	-.208	-.197	-.193	-.186	.050
.100	-.141	-.208		-.215	-.213	-.211	-.186	-.177	.100
.150	-.152	-.217	-.229	-.221		-.221	-.196	-.173	.150
.200	-.140	-.212	-.228	-.221	-.234	-.213	-.204	-.167	.200
.250	-.144	-.193	-.223	-.221	-.240	-.230	-.210		.250
.300	-.154	-.179	-.223			-.234	-.217	-.171	.300
.350	-.155	-.190	-.225	-.221	-.242	-.241	-.224	-.170	.350
.400	-.159	-.195	-.231	-.235	-.244	-.248	-.230	-.179	.400
.450	-.142	-.200	-.216	-.235	-.230	-.249	-.219	-.195	.450
.500	-.149	-.202	-.224	-.236	-.244	-.251	-.237	-.203	.500
.650	-.153	-.196	-.195	-.224	-.224	-.241	-.250	-.216	.650
.800	-.174	-.221	-.195	-.242	-.242	-.222	-.241	-.247	.800
.950	-.179	-.215	-.202	-.225	-.235	-.242	-.240	-.230	.950
Lower surface									
.011	.213	.690	.781	.783	.851				.011
.020						.902	.922		.020
.050		.523	.610	.664	.714	.778	.839	.893	.050
.100		.446	.523	.585	.628	.687	.753		.100
.150	.286	.407	.471	.512	.564	.635	.686	.693	.150
.200	.323	.370	.427		.524		.624	.594	.200
.250	.329	.364	.405	.474		.539	.582	.530	.250
.300	.328		.376	.413	.452	.482	.554	.488	.300
.350	.319	.330	.349	.405		.476	.515	.421	.350
.400	.305	.303	.317	.341	.404	.401	.488	.387	.400
.450	.294	.288	.309	.336	.364	.417	.462	.342	.450
.500	.288	.273	.284	.321	.342	.396	.433	.307	.500
.650	.240	.239	.239	.264	.282	.316	.363	.226	.650
.800	.229	.204	.204	.204	.229	.261	.303	.165	.800
.950	.214	.190	.181	.180	.195	.215	.235	.117	.950

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION

(a) $\delta_c = 0^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 0^o$		$\beta = 0^o$				
				Upper surface					
.011	.062	.122	.105	.115	.084				.011
.025							.070		.025
.050	.056	.102	.091	.083	.075	.064	.058	.073	.050
.100	.050	.075	.075	.066	.063	.058	.041	.055	.100
.150	.039	.050	.066	.056		.049	.033	.038	.150
.200	.030	.038	.049	.047	.046	.041	.024	.018	.200
.250	.025	.025	.034	.041	.037	.033	.014	.005	.250
.300	.020	.015	.024			.012	.005	-.005	.300
.350	.017	.008	.013	.015	.021	.001	-.006	-.018	.350
.400	.006	-.005	-.004	.004	.013	-.005	-.015	-.027	.400
.450	-.001	-.011	-.013	-.009	.004	-.012	-.025	-.034	.450
.500	-.008	-.019	-.028	-.023	-.007	-.021	-.033	-.040	.500
.650	-.028	-.039	-.049	-.055	-.036	-.046	-.052	-.058	.650
.800	-.039	-.065	-.070	-.082	-.065	-.069	-.079	-.072	.800
.950	-.056	-.072	-.085	-.073	-.070	-.070	-.068	-.077	.950
				Lower surface					
.011	.057	.141	.139	.120	.133				.011
.020						.113	.094		.020
.050		.139	.132	.125	.120	.105	.087	.097	.050
.100		.113	.121	.108	.105	.096	.077	.086	.100
.150	.058	.092	.107	.096	.094	.086	.066	.063	.150
.200	.055	.068	.091	.089	.082		.051	.042	.200
.250	.048	.057	.076	.075	.070		.043	.017	.250
.300	.040		.058	.065	.058	.055	.036		.300
.350	.031	.035	.041	.050	.051	.044	.028	-.002	.350
.400	.020	.020	.029	.036	.041		.020	-.009	.400
.450	.017	.013	.017	.023	.030	.015	.012	-.019	.450
.500	.008	.002	.007	.007	.021	.007	.002	-.028	.500
.650	-.007	-.014	-.021	-.021	-.020	-.021	-.026	-.049	.650
.800	-.024	-.038	-.047	-.052	-.051	-.047	-.052	-.064	.800
.950	-.048	-.052	-.065	-.064	-.066	-.072	-.070	-.065	.950
			$\alpha = 2^o$		$\beta = 0^o$				
				Upper surface					
.011	.046	.061	.042	.046	.030				.011
.025							.021		.025
.050	.042	.052	.030	.035	.029	.019	.018	.035	.050
.100	.031	.038	.021	.024	.019	.007	.006	.025	.100
.150	.015	.014	.011	.013		.000	-.001	.011	.150
.200	.007	.001	.002	.005	-.002	-.001	-.011	-.005	.200
.250	.000	-.008	-.008	.005	-.017	-.014	-.025		.250
.300	-.007	-.015	-.021			-.027	-.030	-.019	.300
.350	-.007	-.027	-.026	-.012	-.023	-.037	-.039	-.025	.350
.400	-.017	-.033	-.041	-.031	-.036	-.044	-.052	-.031	.400
.450	-.021	-.041	-.045	-.042	-.037	-.051	-.048	-.039	.450
.500	-.036	-.046	-.050	-.052	-.048	-.062	-.060	-.046	.500
.650	-.050	-.061	-.063	-.072	-.067	-.080	-.077	-.064	.650
.800	-.067	-.083	-.082	-.093	-.100	-.089	-.095	-.080	.800
.950	-.079	-.098	-.077	-.076	-.088	-.082	-.073	-.080	.950
				Lower surface					
.011	.094	.198	.215	.199	.210				.011
.020						.179	.160		.020
.050		.183	.196	.199	.188	.164	.161	.170	.050
.100		.142	.181	.181	.176	.162	.151		.100
.150	.077	.120	.160	.161	.155	.151	.140	.133	.150
.200	.079	.099	.131	.147	.143		.113	.088	.200
.250	.070	.084	.109	.127	.125		.099	.076	.250
.300	.066		.093	.113	.123	.114	.097		.300
.350	.054	.056	.074		.099	.106	.075	.034	.350
.400	.041	.047	.049	.073	.090	.087	.073	.026	.400
.450	.041	.030	.043	.048	.069	.082	.065	.013	.450
.500	.039	.023	.023	.042	.055	.069	.060	-.002	.500
.650	.008	.007	-.005	.000	.016	.032	.022	-.022	.650
.800	-.002	-.021	-.028	-.030	-.023	-.006	-.002	-.041	.800
.950	-.025	-.038	-.050	-.055	-.052	-.034	-.015	-.052	.950

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 4^0$ $\beta = 0^0$									
Upper surface									
.011	-.002	.004	-.011	-.008	-.030				.011
.025							-.019		.025
.050	-.002	-.012	-.023	-.025	-.030	-.023	-.024	-.007	.050
.100	-.001	-.013	-.031	-.027	-.025	-.046	-.029	-.017	.100
.150	-.018	-.032	-.035	-.037		-.049	-.039	-.031	.150
.200	-.018	-.039	-.046	-.045	-.052	-.050	-.048	-.031	.200
.250	-.025	-.049	-.052	-.046	-.067	-.061	-.058		.250
.300	-.030	-.049	-.063			-.067	-.067	-.040	.300
.350	-.035	-.058	-.064	-.058	-.065	-.074	-.075	-.040	.350
.400	-.042	-.062	-.074	-.077	-.079	-.080	-.086	-.050	.400
.450	-.042	-.068	-.076	-.084	-.077	-.084	-.082	-.056	.450
.500	-.054	-.073	-.083	-.092	-.088	-.090	-.096	-.062	.500
.650	-.068	-.082	-.093	-.102	-.099	-.111	-.112	-.071	.650
.800	-.086	-.108	-.112	-.124	-.124	-.112	-.119	-.095	.800
.950	-.099	-.117	-.104	-.102	-.107	-.102	-.098	-.104	.950
Lower surface									
.011	.152	.261	.288	.270	.277				.011
.020						.249			.020
.050		.236	.260	.272	.259	.234			.050
.100		.184	.240	.249	.246	.222			.100
.150	.107	.153	.203	.226		.217			.150
.200	.107	.130	.173	.203	.206				.200
.250	.096	.114	.151	.177	.188	.219			.250
.300	.091		.131	.157	.174	.179			.300
.350	.081	.088	.109	.123	.144	.167			.350
.400	.068	.078	.080	.115	.130				.400
.450	.069	.059	.071	.088	.115				.450
.500	.063	.050	.050	.076	.092				.500
.650	.032	.034	.023	.034	.043				.650
.800	.021	-.002	-.004	.000	.001				.800
.950	-.004	-.015	-.023	-.029	-.022				.950
$\alpha = 6^0$ $\beta = 0^0$									
Upper surface									
.011	-.074	-.053	-.056	-.058	-.073				.011
.025							-.074		.025
.050	-.046	-.058	-.067	-.072	-.074	-.070	-.082	-.070	.050
.100	-.046	-.067	-.077	-.077	-.077	-.084	-.086	-.078	.100
.150	-.054	-.082	-.082	-.085		-.090	-.096	-.086	.150
.200	-.059	-.082	-.089	-.089	-.112	-.091	-.103	-.083	.200
.250	-.058	-.082	-.092	-.095	-.103	-.098	-.110		.250
.300	-.058	-.080	-.100			-.119	-.118	-.083	.300
.350	-.065	-.089	-.103	-.102	-.112	-.129	-.128	-.084	.350
.400	-.067	-.089	-.109	-.119	-.119	-.131	-.138	-.090	.400
.450	-.067	-.093	-.110	-.126	-.121	-.141	-.131	-.096	.450
.500	-.079	-.093	-.113	-.132	-.131	-.142	-.144	-.097	.500
.650	-.089	-.100	-.118	-.132	-.141	-.160	-.162	-.117	.650
.800	-.105	-.125	-.131	-.145	-.141	-.141	-.155	-.148	.800
.950	-.119	-.132	-.131	-.134	-.135	-.141	-.145	-.158	.950
Lower surface									
.011	.217	.374	.387	.363	.371				.011
.020						.341	.317		.020
.050		.303	.349	.358	.349	.323	.310	.314	.050
.100		.242	.303	.330	.333	.310	.295		.100
.150	.172	.210	.262	.295	.307	.300	.276	.259	.150
.200	.162	.187	.226	.259	.284		.253	.206	.200
.250	.148	.169	.205	.228	.249		.241	.178	.250
.300	.143		.177	.206	.235	.242	.239	.162	.300
.350	.129	.136	.157	.174	.196	.235	.209	.126	.350
.400	.106	.116	.133	.156	.176		.208	.110	.400
.450	.105	.099	.117	.134	.157	.191	.199	.092	.450
.500	.099	.095	.096	.121	.135	.177	.188	.071	.500
.650	.064	.065	.067	.077	.086	.122	.141	.031	.650
.800	.058	.033	.038	.038	.051	.074	.100	.001	.800
.950	.033	.022	.006	.009	.016	.038	.062	-.022	.950

[redacted]

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 8^o$		$\beta = 0^o$				
Upper surface									
.011	-.121	-.091	-.089	-.082	-.091				.011
.025							-.098		.025
.050	-.092	-.101	-.096	-.097	-.091	-.096	-.107	-.090	.050
.100	-.069	-.101	-.103		-.098	-.112	-.114	-.102	.100
.150	-.077	-.115	-.114	-.104		-.110	-.125	-.108	.150
.200	-.077	-.111	-.121	-.109	-.118	-.110	-.131	-.102	.200
.250	-.076	-.108	-.122	-.114	-.127	-.127	-.138		.250
.300	-.077	-.108	-.130			-.147	-.143	-.104	.300
.350	-.082	-.114	-.130	-.120	-.138	-.153	-.152	-.104	.350
.400	-.091	-.108	-.136	-.140	-.144	-.156		-.104	.400
.450	-.084	-.108	-.124	-.146	-.146	-.166	-.153	-.114	.450
.500	-.091	-.108	-.134	-.146	-.154	-.165	-.166	-.122	.500
.650	-.098	-.115	-.135	-.146	-.155	-.180	-.176	-.135	.650
.800	-.117	-.136	-.135	-.150	-.155	-.156	-.166	-.168	.800
.950	-.128	-.148	-.135	-.148	-.150	-.160	-.159	-.179	.950
Lower surface									
.011	.326	.481	.510	.481	.502				.011
.020						.451	.424		.020
.050		.367	.423	.448	.454	.433	.424	.418	.050
.100		.305	.361	.392	.416	.416	.409		.100
.150	.206	.270	.320	.340	.370	.395	.392	.353	.150
.200	.215	.236	.276	.302	.342		.360	.295	.200
.250	.201	.220	.259	.268	.306	.366	.337	.260	.250
.300	.194		.232	.246	.281		.327	.238	.300
.350	.175	.183	.208	.217	.247	.290		.198	.350
.400	.151	.167	.182	.198			.289	.185	.400
.450	.148	.151	.165	.171	.206	.252	.270	.163	.450
.500	.141	.139	.151	.161	.183	.234	.256	.133	.500
.650	.105	.111	.108	.113	.136	.170	.197	.089	.650
.800	.092	.068	.077	.071	.085	.119	.151	.050	.800
.950	.071	.059	.036	.042	.051	.085	.111	.017	.950
			$\alpha = 10^o$		$\beta = 0^o$				
Upper surface									
.011	-.154	-.126	-.126	-.111	-.129				.011
.025							-.123		.025
.050	-.133	-.136	-.130	-.129	-.120	-.126	-.137	-.116	.050
.100	-.108	-.136	-.139	-.128	-.128	-.140	-.137	-.121	.100
.150	-.108	-.153	-.149	-.135		-.147	-.145	-.123	.150
.200	-.100	-.149	-.154	-.142	-.147	-.146	-.149	-.123	.200
.250	-.100	-.142	-.154	-.142	-.154	-.155	-.159		.250
.300	-.100	-.134	-.164			-.164	-.161	-.128	.300
.350	-.100	-.137	-.155	-.152	-.166	-.169	-.167	-.123	.350
.400	-.100	-.124	-.161	-.169	-.173	-.175	-.177	-.123	.400
.450	-.101	-.123		-.168	-.173	-.183		-.139	.450
.500	-.103	-.123	-.164	-.166	-.184	-.181	-.183	-.147	.500
.650	-.113	-.128	-.159	-.164	-.183	-.191	-.194	-.160	.650
.800	-.132	-.149	-.145	-.168	-.183	-.161	-.178	-.192	.800
.950	-.140	-.168	-.154	-.166	-.183	-.174	-.178	-.202	.950
Lower surface									
.011	.424	.571	.626	.612	.653				.011
.050		.432	.492	.536	.559				.050
.100		.363	.420	.465	.499				.100
.150		.321	.370	.408	.455				.150
.200	.278	.286	.330	.364	.411				.200
.250	.260	.269	.306	.336					.250
.300	.241		.273	.310	.348				.300
.350	.227	.239	.252	.269					.350
.400	.206	.224	.230	.262					.400
.450	.197	.198	.215	.232					.450
.500	.188	.184	.195	.219					.500
.650	.142	.154	.149	.173					.650
.800	.131	.104	.113	.112					.800
.950	.112	.092	.087	.090					.950

[redacted]

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 12^o$ $\beta = 0^o$									
Upper surface									
.011	-.202	-.175	-.163	-.152	-.158				.011
.025							-.160		.025
.050	-.179	-.187	-.174	-.167	-.155	-.158	-.169	-.148	.050
.100	-.150	-.187	-.183	-.167	-.165	-.173	-.169	-.155	.100
.150	-.152	-.193	-.189	-.174		-.177	-.179	-.155	.150
.200	-.135	-.187	-.194	-.174	-.184	-.172	-.184	-.156	.200
.250	-.135	-.185	-.194	-.177	-.193	-.189	-.190		.250
.300	-.135	-.175	-.194			-.198	-.197	-.152	.300
.350	-.136	-.177	-.194	-.185	-.196	-.205	-.198	-.153	.350
.400	-.134	-.153	-.193	-.204	-.205	-.210	-.208	-.154	.400
.450	-.122	-.154	-.193	-.203	-.198	-.211		-.172	.450
.500	-.123	-.154	-.199	-.205	-.211	-.217	-.212	-.177	.500
.650	-.138	-.159	-.193	-.194	-.203	-.222	-.222	-.193	.650
.800	-.161	-.184	-.173	-.203	-.204	-.191	-.202	-.224	.800
.950	-.161	-.199	-.179	-.196	-.203	-.208	-.202	-.223	.950
Lower surface									
.011	.501	.653	.724	.710					.011
.050		.499	.565	.614					.050
.100		.419	.480	.537					.100
.150		.382	.431	.470					.150
.200	.335	.338	.394	.426					.200
.250	.311	.326	.363	.402					.250
.300	.294		.336	.365					.300
.350	.276	.296	.311	.329					.350
.400	.251	.262	.282	.318					.400
.450	.241	.245	.269	.285					.450
.500	.234	.231	.242	.272					.500
.650	.181	.198	.198	.221					.650
.800	.182	.156	.161	.160					.800
.950	.157	.143	.129	.134					.950
$\alpha = 15^o$ $\beta = 0^o$									
Upper surface									
.011	-.214	-.212	-.204	-.186	-.201				.011
.025							-.208		.025
.050	-.196	-.224	-.203	-.197	-.188	-.188	-.197	-.189	.050
.100	-.172	-.209	-.215	-.194	-.188	-.203	-.198	-.190	.100
.150	-.171	-.221	-.219	-.195		-.204	-.205	-.183	.150
.200	-.151	-.216	-.223	-.203	-.214	-.198	-.208	-.183	.200
.250	-.152	-.215	-.222	-.199	-.214	-.217	-.215		.250
.300	-.150	-.192	-.222			-.228	-.221	-.185	.300
.350	-.149	-.183	-.210	-.208	-.223	-.229	-.224	-.181	.350
.400	-.149	-.183	-.223	-.227	-.228	-.240	-.232	-.190	.400
.450	-.135	-.184	-.211	-.224	-.224	-.240		-.205	.450
.500	-.144		-.217	-.224	-.237	-.240	-.232	-.214	.500
.650	-.165	-.183	-.204	-.212	-.218	-.232	-.240	-.224	.650
.800	-.183	-.198	-.186	-.224	-.227	-.212	-.228	-.256	.800
.950	-.172	-.212	-.195	-.228	-.222	-.228	-.227	-.241	.950
Lower surface									
.011	.509	.757	.849	.820	.884				.011
.020						.899	.917		.020
.050		.585	.662	.707	.752	.786	.835	.874	.050
.100		.495	.564	.615	.659	.699	.747		.100
.150		.457	.511	.553	.592	.643	.687	.673	.150
.200	.420	.418	.467	.496	.545		.629	.584	.200
.250	.402	.410	.442	.464	.509	.574	.592	.520	.250
.300	.383		.416	.442	.474	.507	.565	.478	.300
.350	.362	.376	.392	.399	.435	.492	.527	.421	.350
.400	.332	.338	.353	.389	.409		.503	.384	.400
.450	.323	.324	.344	.362	.390	.441	.476	.346	.450
.500	.311	.304	.318	.345	.365	.419	.449	.309	.500
.650	.260	.261	.258	.283	.296	.340	.380	.235	.650
.800	.248	.225	.225	.219	.241	.287	.311	.175	.800
.950	.228	.215	.196	.195	.205	.238	.248	.127	.950

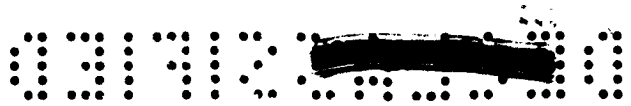

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^o$				$\beta = 0^o$				
Upper surface									
.011	.130	.241	-.043	.050	.060				.011
.025							.059		.025
.050	.102	.225	.006	.032	.050	.039	.049	.070	.050
.100	.090	.189	.038	.009	.034	.030	.034	.060	.100
.150	.075	.115	.058	.005		.022	.028	.041	.150
.200	.066	.053	.047	.020	.014	.014	.014	.022	.200
.250	.066	.034	.038	.027	.004	.011	.004		.250
.300	.066	.015	.022			-.004	-.005	-.001	.300
.350	.050	.011		.020	-.012	-.015	-.017	-.012	.350
.400	.012	-.002	-.004	.008	-.008	-.022	-.025	-.022	.400
.450	-.012	-.012	-.012	-.002	-.009	-.032	-.033	-.030	.450
.500	-.021	-.018	-.034	-.011	-.015	-.039	-.040	-.035	.500
.650	-.044	-.054	-.046	-.044	-.039	-.063	-.059	-.053	.650
.800	-.054	-.078	-.077	-.076	-.070	-.083	-.083	-.070	.800
.950	-.066	-.085	-.096	-.091	-.090	-.067	-.060	-.075	.950
Lower surface									
.011	-.001	.048	.258	.161	.151				.011
.020						.127	.111		.020
.050		.031	.122	.178	.139	.113	.106	.114	.050
.100		.010	.097	.146	.123	.100	.095	.099	.100
.150	.010	-.008	.081	.106	.116	.091	.081	.078	.150
.200	.007	.000	.072	.085	.113		.065	.058	.200
.250	.001	.007	.052	.068	.073		.052	.030	.250
.300	-.008		.034	.049		.054	.047	.040	.300
.350	-.019	.017	.021	.035	.040	.057	.037	.008	.350
.400	-.023	.010	.005	.017	.029	-.023	.030	-.005	.400
.450	-.013	.001	-.003	.000	.014	.041	.023	-.012	.450
.500	-.003	-.007	-.008	-.012	-.001	.028	.010	-.020	.500
.650	-.010	-.022	-.037	-.035	-.031	-.013	-.010	-.035	.650
.800	-.029	-.043	-.058	-.066	-.065	-.049	-.034	-.054	.800
.950	-.050	-.061	-.075	-.083	-.077	-.070	-.052	-.055	.950
	$\alpha = 2^o$				$\beta = 0^o$				
Upper surface									
.011	.033	.106	-.081	-.058	-.046				.011
.025							-.035		.025
.050	.014	.093	-.064	-.065	-.061	-.060	-.044	-.020	.050
.100	.002	.033	-.055	-.088	-.074	-.061	-.071	-.038	.100
.150	.002	.008	-.055	-.088		-.068	-.071	-.052	.150
.200	-.012	-.020	-.064	-.080	-.082	-.082	-.080	-.055	.200
.250	-.019	-.026	-.059	-.076	-.095	-.084	-.091		.250
.300	-.019	-.080	-.068			-.105	-.095	-.069	.300
.350	-.028	-.079	-.068	-.072	-.098	-.106	-.106	-.081	.350
.400	-.041	-.079	-.085	-.072	-.099	-.114	-.114	-.089	.400
.450	-.062	-.088	-.111	-.082	-.115	-.126	-.134	-.089	.450
.500	-.080	-.092	-.095	-.093	-.106	-.131	-.129	-.094	.500
.650	-.114	-.121	-.128	-.124	-.134	-.152	-.145	-.118	.650
.800	-.108	-.138	-.148	-.140	-.145	-.172	-.160	-.124	.800
.950	-.129	-.149	-.159	-.152	-.134	-.136	-.135	-.147	.950
Lower surface									
.011	-.001	.060	.222	.206	.197				.011
.020						.167	.142		.020
.050		.051	.146	.208	.183	.153	.131	.140	.050
.100		.027	.118	.163	.169	.139	.120		.100
.150	-.017	.016	.097	.129	.157	.127	.108	.097	.150
.200	-.014	.009	.078	.101	.139		.096	.073	.200
.250	-.014	.012	.056		.104		.082	.038	.250
.300	-.021		.042	.061	.086	.097	.073		.300
.350	-.014	.012	.027	.038	.067	.087	.079	.009	.350
.400	-.020	-.002	.008	.024	.045	.090	.061	-.010	.400
.450	-.015	-.005	-.002	.012	.036	.057	.053	-.022	.450
.500	-.015	-.016	-.003	-.005	.020	.041	.036	-.031	.500
.650	-.028	-.035	-.036	-.035	-.030	-.003	.017	-.059	.650
.800	-.049	-.060	-.065	-.076	-.059	-.045	-.019	-.083	.800
.950	-.066	-.078	-.090	-.089	-.083	-.078	-.057	-.091	.950

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	-.027	.045	-.083	-.077	-.077				.011
.025							-.068		.025
.050	-.028	.028	-.083	-.085	-.090	-.091	-.073	-.065	.050
.100	-.029	-.024	-.083	-.104	-.099	-.083	-.085	-.067	.100
.150	-.029	-.037	-.084	-.112		-.097	-.088	-.078	.150
.200	-.039	-.059	-.084	-.111	-.106	-.110	-.100	-.077	.200
.250	-.038	-.062	-.090	-.106	-.118	-.112	-.107		.250
.300	-.038	-.085	-.098			-.125	-.116	-.083	.300
.350	-.045	-.087	-.098	-.108	-.130	-.132	-.125	-.094	.350
.400	-.055	-.092	-.108	-.108	-.131	-.141	-.132	-.094	.400
.450	-.074	-.093	-.125	-.108	-.145	-.144	-.153	-.094	.450
.500	-.078	-.113	-.111	-.116	-.137	-.153	-.149	-.101	.500
.650	-.113	-.124	-.130	-.137	-.153	-.169	-.165	-.124	.650
.800	-.113	-.141	-.145	-.146	-.153	-.169	-.165	-.139	.800
.950	-.138	-.157	-.161	-.158	-.146	-.149	-.152	-.165	.950
Lower surface									
.011	.068	.160	.297	.300	.296				.011
.020						.266	.237		.020
.050		.148	.230	.289	.284	.249	.226	.223	.050
.100		.115	.193	.247	.263	.231	.215		.100
.150	.042	.097	.166	.208	.239	.222	.201	.176	.150
.200	.045	.080	.143	.177	.215		.187	.144	.200
.250	.049	.079	.119	.157	.183		.174	.109	.250
.300	.043		.102	.133	.162	.175	.164	.110	.300
.350	.046	.072	.084	.108	.138	.166		.071	.350
.400	.042	.053	.070	.089	.117	.161	.148	.049	.400
.450	.041	.050	.056	.077	.100	.129	.140	.035	.450
.500	.037	.037	.051	.057	.085	.111	.122	.028	.500
.650	.021	.014	.016	.027	.034	.056	.086	-.007	.650
.800	.002	-.012	-.014	-.015	-.003	.014	.042	-.041	.800
.950	-.019	-.030	-.036	-.034	-.027	-.017	.003	-.049	.950
$\alpha = 6^o$ $\beta = 0^o$									
Upper surface									
.011	-.090	-.032	-.070	-.086	-.086				.011
.025							-.085		.025
.050	-.064	-.040	-.079	-.092	-.100	-.097	-.093	-.077	.050
.100	-.054	-.075	-.088	-.109	-.110	-.098	-.112	-.095	.100
.150	-.054	-.069	-.090	-.117		-.105	-.112	-.096	.150
.200	-.054	-.083	-.100	-.123	-.119	-.119	-.118	-.095	.200
.250	-.062	-.081	-.106	-.123	-.128	-.119	-.126		.250
.300	-.060	-.096	-.107			-.134	-.135	-.097	.300
.350	-.061	-.093	-.107	-.125	-.142	-.141	-.145	-.110	.350
.400	-.061	-.091	-.112	-.120	-.142	-.149	-.148	-.109	.400
.450	-.082	-.099	-.127	-.126	-.153	-.158	-.169	-.109	.450
.500	-.082	-.102	-.119	-.133	-.154	-.165	-.158	-.111	.500
.650	-.105	-.123	-.135	-.151	-.166	-.177	-.172	-.144	.650
.800	-.112	-.135	-.141	-.149	-.166	-.163	-.166	-.167	.800
.950	-.134	-.147	-.149	-.142	-.153	-.151	-.156	-.201	.950
Lower surface									
.011	.137	.297	.370	.384	.403				.011
.020						.375	.343		.020
.050		.255	.312	.359	.378	.353	.325	.320	.050
.100		.198	.278	.316	.339	.338	.313		.100
.150	.114	.170	.239	.278	.307	.322	.302	.265	.150
.200	.115	.153	.215	.246	.282		.287	.227	.200
.250	.117	.142	.187	.222	.251		.274	.185	.250
.300	.108		.168	.195	.224	.250	.261	.180	.300
.350	.110	.118	.142	.170	.196	.234	.254	.148	.350
.400	.098	.107	.130		.177	.211	.234	.124	.400
.450	.098	.106	.113	.131	.160	.198	.219	.106	.450
.500	.091	.094	.102	.109		.180	.198	.098	.500
.650	.073	.067	.072	.077	.082	.123	.156	.056	.650
.800	.056	.041	.036	.031	.048	.072	.108	.017	.800
.950	.037	.023	.006	.013	.025	.038	.062	.001	.950

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[redacted]

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$ $\beta = 0^o$								
Upper surface									
.011	-.169	-.105	-.111	-.128	-.111				.011
.025							-.117		.025
.050	-.129	-.116	-.119	-.128	-.130	-.139	-.125	-.107	.050
.100	-.100	-.132	-.126	-.143	-.141	-.143	-.139	-.117	.100
.150	-.098	-.131	-.138	-.155		-.146	-.139	-.118	.150
.200	-.096	-.131	-.148	-.155	-.145	-.159	-.148	-.115	.200
.250	-.093	-.131	-.150	-.164	-.157	-.159	-.154		.250
.300	-.090	-.138	-.150			-.159	-.161	-.116	.300
.350	-.090	-.124	-.131	-.169	-.165	-.167	-.168	-.125	.350
.400	-.096	-.126	-.148	-.169	-.176	-.171	-.172	-.126	.400
.450	-.105	-.126	-.161	-.170	-.188	-.176	-.185	-.126	.450
.500	-.107	-.126	-.159	-.170	-.187	-.182	-.183	-.141	.500
.650	-.122	-.143	-.170	-.183	-.196	-.195	-.195	-.171	.650
.800	-.126	-.157	-.164	-.172	-.172	-.187	-.171	-.195	.800
.950	-.157	-.171	-.176	-.171	-.172	-.174	-.171	-.219	.950
Lower surface									
.011	.221	.432		.488	.533				.011
.020						.504	.460		.020
.050		.327	.392	.445	.470	.477	.445	.429	.050
.100		.264	.338	.389	.423	.440	.431		.100
.150	.175	.234	.298	.341			.409	.360	.150
.200	.178	.209		.308	.350		.381	.317	.200
.250	.178	.199					.357	.270	.250
.300	.166		.217				.338	.264	.300
.350	.159	.178	.193		.260	.302		.224	.350
.400	.148	.159					.306	.198	.400
.450	.141	.150	.162	.189	.221	.252	.286	.173	.450
.500	.132	.134	.155	.170		.229	.259	.153	.500
.650	.108	.106	.110	.132	.138	.173	.210	.108	.650
.800	.092	.077	.077	.078	.102	.121	.158	.053	.800
.950	.074	.059	.046	.057	.073	.084	.110	.030	.950
	$\alpha = 10^o$ $\beta = 0^o$								
Upper surface									
.011	-.223	-.164	-.159	-.165	-.158				.011
.025							-.158		.025
.050	-.196	-.171	-.170	-.171	-.175	-.175	-.168	-.155	.050
.100	-.153	-.196	-.179	-.184	-.182	-.175	-.181	-.166	.100
.150	-.140	-.184	-.189	-.191		-.179	-.181	-.160	.150
.200	-.136	-.181	-.195	-.195	-.185	-.191	-.189	-.159	.200
.250	-.128	-.177	-.195	-.201	-.196	-.191	-.195		.250
.300	-.125	-.182	-.194			-.197	-.200	-.164	.300
.350	-.124	-.165	-.189	-.207	-.207	-.208	-.204	-.166	.350
.400	-.121	-.145	-.189	-.207	-.210	-.208	-.208	-.176	.400
.450	-.130	-.150	-.202	-.207	-.220	-.218	-.222	-.176	.450
.500	-.128	-.150	-.196	-.207	-.220	-.222	-.218	-.187	.500
.650	-.145	-.170	-.206	-.216	-.221	-.223	-.223	-.218	.650
.800	-.153	-.181	-.179	-.208	-.220	-.218	-.207	-.242	.800
.950	-.179	-.200	-.196	-.208	-.219	-.206	-.208	-.252	.950
Lower surface									
.011	.334	.541		.593	.663				.011
.020						.656	.621		.020
.050		.413	.477	.523	.564	.584	.584	.578	.050
.100		.343	.410	.453	.495	.526	.534		.100
.150		.304	.360	.401			.497	.461	.150
.200	.251	.271		.358	.408		.451	.401	.200
.250	.243	.258					.427	.345	.250
.300	.233		.276				.403	.326	.300
.350	.222	.241	.256		.312	.352		.280	.350
.400	.202	.212					.356	.247	.400
.450	.193	.200	.219	.235	.265	.294	.333	.220	.450
.500	.185	.185	.211	.214		.277	.301	.195	.500
.650	.150	.149	.158	.168	.189	.213	.251	.132	.650
.800	.133	.123	.120	.109	.145	.160	.193	.081	.800
.950	.112	.104	.084	.090	.104	.120	.139	.053	.950

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^0$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 12^0$		$\beta = 0^0$				
Upper surface									
.011	-.255	-.223	-.208	-.217	-.208				.011
.025							-.200		.025
.050	-.235	-.230	-.216	-.217	-.210	-.213	-.200	-.186	.050
.100	-.199	-.242	-.226	-.225	-.217	-.218	-.212	-.194	.100
.150	-.181	-.239	-.235	-.231		-.224	-.212	-.191	.150
.200	-.177	-.235	-.244	-.231	-.220	-.232	-.221	-.191	.200
.250	-.171	-.226	-.238	-.236	-.230	-.231	-.229		.250
.300	-.154	-.225	-.227			-.232	-.236	-.186	.300
.350	-.156	-.200	-.227	-.241	-.241	-.232	-.243	-.198	.350
.400	-.154	-.179	-.230	-.243	-.246	-.242	-.244	-.206	.400
.450	-.151	-.182	-.236	-.243	-.250	-.243	-.249	-.213	.450
.500	-.151	-.186	-.238	-.243	-.252	-.252	-.250	-.219	.500
.650	-.180	-.201	-.237	-.243	-.252	-.251	-.245	-.248	.650
.800	-.186	-.214	-.211	-.243	-.248	-.236	-.232	-.274	.800
.950	-.201	-.235	-.227	-.243	-.246	-.237	-.233	-.260	.950
Lower surface									
.011	.452	.626	.690	.695	.764				.011
.020						.779	.774		.020
.050		.469	.537	.596	.640	.676	.697		.050
.100		.391	.460	.513	.554	.587	.626		.100
.150		.351	.404	.458	.504	.540	.571		.150
.200	.315	.312	.370	.416	.460		.524		.200
.250	.294	.305	.339	.391	.423	.474	.494		.250
.300	.275		.313	.350	.391	.428	.470		.300
.350	.262	.276	.287	.319	.350	.399	.450		.350
.400	.235	.241	.267	.308	.328		.416		.400
.450	.225	.230	.250	.282	.307	.351	.391		.450
.500	.216	.213	.227	.265	.285	.333			.500
.650	.179	.180	.186	.210	.221	.269			.650
.800	.169	.150	.148	.150	.177	.209			.800
.950	.149	.134	.121	.125	.145	.165			.950
			$\alpha = 15^0$		$\beta = 0^0$				
Upper surface									
.011	-.239	-.244	-.237	-.220	-.237				.011
.025							-.226		.025
.050	-.223	-.255	-.237	-.221	-.222	-.219	-.214	-.204	.050
.100	-.203	-.239	-.243	-.221	-.222	-.229	-.215	-.194	.100
.150	-.191	-.244	-.253	-.225		-.233	-.215	-.194	.150
.200	-.174	-.241	-.252	-.231	-.234	-.231	-.227	-.194	.200
.250	-.165	-.244	-.249	-.233	-.243	-.246	-.227		.250
.300	-.159	-.210	-.246			-.246	-.235	-.190	.300
.350	-.153	-.201		-.241	-.253	-.249	-.239	-.196	.350
.400	-.158	-.201	-.252	-.247	-.256	-.249	-.249	-.204	.400
.450	-.157	-.211	-.244	-.246	-.258	-.258	-.237	-.215	.450
.500	-.174	-.211	-.244	-.246	-.259	-.260	-.251	-.222	.500
.650	-.192	-.211	-.232	-.247	-.251	-.239	-.251	-.238	.650
.800	-.198	-.227	-.207	-.255	-.249	-.227	-.240	-.268	.800
.950	-.194	-.240	-.219	-.255	-.246	-.244	-.233	-.255	.950
Lower surface									
.011	.527	.732	.822	.819	.883				.011
.020						.903	.911		.020
.050		.568	.647	.707	.747	.791	.828	.871	.050
.100		.486	.555	.613	.653	.695	.748	.742	.100
.150		.442	.503	.549	.593	.648	.677	.664	.150
.200	.397	.401	.460	.497	.551		.620	.581	.200
.250	.382	.390	.422	.469	.495	.576	.582	.511	.250
.300	.361		.411	.439	.474	.515	.555	.477	.300
.350	.347	.356	.372	.388	.431	.493	.521	.416	.350
.400	.319	.321	.335	.384	.403		.494	.379	.400
.450	.309	.309	.323	.356	.389	.424	.468	.339	.450
.500	.294	.293	.303	.337	.370	.401	.433	.309	.500
.650	.248	.246	.245	.277	.295	.323	.374	.232	.650
.800	.234	.210	.210	.213	.246	.268	.302	.165	.800
.950	.215	.199	.190	.186	.209	.220	.235	.122	.950

[redacted]

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha =$ 0°		$\beta =$ 0°				
				Upper surface					
.011	.294	.368	-.018	.009	.014				.011
.025							.047		.025
.050	.207	.331	.019	-.004	.008	.015	.039	.063	.050
.100	.184	.220	.033	-.014	.004	.002	.021	.051	.100
.150	.160	.170	.105	-.002		-.005	.015	.032	.150
.200	.144	.117	.088	.013	-.014	-.009	-.001	.022	.200
.250	.123	.084	.074	.018	-.022	-.025	-.012		.250
.300	.104	.063	.051			-.034	-.020	.000	.300
.350	.077	.048		.015	-.018	-.041	-.032	-.008	.350
.400	.043	.027	.017	.039	-.017	-.044	-.040	-.022	.400
.450	.018	.012	.002	.022	-.022	-.051	-.045	-.030	.450
.500	-.004	.000	-.006	.006	-.021	-.056	-.053	-.032	.500
.650	-.039	-.034	-.035	-.040	-.037	-.067	-.074	-.052	.650
.800	-.038	-.065	-.070	-.074	-.058	-.080	-.095	-.073	.800
.950	-.057	-.070	-.092	-.098	-.091	-.066	-.069	-.071	.950
				Lower surface					
.011	-.082	-.077	.176	.200	.184				.011
.020						.137	.121		.020
.050		-.085	.111	.200	.168	.122	.114	.120	.050
.100		-.099	.076	.163	.158	.100	.102		.100
.150	-.069	-.093	.045	.130	.140	.102	.087	.083	.150
.200	-.069	-.083		.102	.123		.070	.058	.200
.250	-.064	-.064	-.017	.088		.069	.056	.037	.250
.300	-.066		-.041	.066	.087	.074	.049	.042	.300
.350	-.055	-.020	-.055	.035	.070	.057	.036	.012	.350
.400	-.049	-.027	-.056	.108	.045	.041	.029	-.002	.400
.450	-.017	-.021	-.069	-.021	.026	.049	.024	-.010	.450
.500	.013	-.043	-.050	-.042	.007	.037	.013	-.021	.500
.650	-.013	-.044	-.066	-.065	-.049	-.006	-.007	-.040	.650
.800	-.045	-.058	-.066	-.091	-.084	-.044	-.030	-.058	.800
.950	-.067	-.073	-.080	-.095	-.097	-.076	-.051	-.066	.950
			$\alpha =$ 4°		$\beta =$ 0°				
				Upper surface					
.011	.151	.143	-.064	-.092	-.066				.011
.025							-.049		.025
.050	.115	.114	-.047	-.114	-.066	-.046	-.055	-.028	.050
.100	.096	.079	-.066	-.088	-.078	-.065	-.059	-.043	.100
.150	.078	.043	-.089	-.073		-.071	-.069	-.053	.150
.200	.072	.020	-.111	-.066	-.108	-.076	-.076	-.053	.200
.250	.065		-.123	-.062	-.108	-.090	-.085		.250
.300	.052	-.023	-.123			-.107	-.089	-.063	.300
.350	.041	-.037		-.028	-.092	-.116	-.097	-.060	.350
.400	.041	-.051	-.110	-.045	-.097	-.130	-.107	-.069	.400
.450	.019	-.051	-.102	-.057	-.092	-.137	-.097	-.076	.450
.500	-.023	-.063	-.119	-.063	-.076	-.142	-.115	-.082	.500
.650	-.068	-.079	-.121	-.076	-.077	-.142	-.135	-.091	.650
.800	-.085	-.105	-.128	-.124	-.100	-.121	-.145	-.111	.800
.950	-.087	-.110	-.140	-.135	-.113	-.135	-.128	-.123	.950
				Lower surface					
.011	-.047	-.024	.195	.393	.414				.011
.020						.307	.261		.020
.050		-.027	.125	.314	.360	.288	.261	.251	.050
.100		-.024	.098	.236	.304	.279	.251		.100
.150	-.003	-.006	.091	.188	.247		.240	.204	.150
.200	.002	.009	.080	.157	.213		.217	.154	.200
.250	-.003	.031		.139		.209	.206	.132	.250
.300	-.002		.076	.120	.155	.195	.215	.120	.300
.350	-.010	.047	.066		.125	.154		.083	.350
.400	-.008	.040		.085	.112	.131	.170	.075	.400
.450	.010	.034	.048	.063	.080	.132	.159	.058	.450
.500	.020	.027	.024	.055	.065	.114	.146	.040	.500
.650	.019	.015	.005	.017	.034	.055	.090	.013	.650
.800	.008	-.015	-.007	-.015	-.014	.016	.051	-.006	.800
.950	-.013	-.024	-.024	-.036	-.034	-.020	.014	-.031	.950

[redacted]

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$				$\beta = 0^o$				
Upper surface									
.011	-.004	-.084	-.105	-.103	-.116				.011
.025							-.117		.025
.050	-.017	-.084	-.122	-.117	-.116	-.102	-.124	-.113	.050
.100	-.018	-.076	-.129	-.117	-.121	-.123	-.124	-.120	.100
.150	-.044	-.086	-.135	-.118		-.128	-.137	-.120	.150
.200	-.033	-.084	-.139	-.126	-.140	-.121	-.143	-.115	.200
.250	-.037	-.086	-.141	-.126	-.148	-.147	-.152		.250
.300	-.053	-.094	-.141			-.164	-.153	-.118	.300
.350	-.058	-.094	-.141	-.114	-.152	-.166	-.159	-.116	.350
.400	-.072	-.104	-.133	-.135	-.166	-.174	-.166	-.115	.400
.450	-.060	-.110	-.124	-.135	-.149	-.179	-.153	-.127	.450
.500	-.083	-.115	-.115	-.142	-.164	-.186	-.169	-.128	.500
.650	-.103	-.127	-.128	-.130	-.147	-.194	-.185	-.143	.650
.800	-.136	-.164	-.140	-.149	-.161	-.156	-.177	-.174	.800
.950	-.135	-.165	-.150	-.156	-.166	-.172	-.171	-.181	.950
Lower surface									
.011	.168	.353	.391	.440	.506				.011
.020						.508	.460		.020
.050		.266	.333	.394	.438	.457	.451	.423	.050
.100		.219	.288	.344	.391	.391	.431		.100
.150	.129	.191	.249	.301	.346	.382	.402	.363	.150
.200	.129	.169		.269	.315		.360	.300	.200
.250	.119	.161	.206		.289		.339	.268	.250
.300	.120		.181	.223	.260	.288	.325	.245	.300
.350	.107	.139	.166	.184	.237	.251	.289	.202	.350
.400	.099	.126	.141	.143	.206	.233	.275	.185	.400
.450	.101	.114	.136	.154	.175	.233	.258	.162	.450
.500	.104	.105	.113	.146	.159	.215	.239	.131	.500
.650	.083	.087	.083	.101	.112	.150	.181	.082	.650
.800	.079	.052	.057	.057	.071	.103	.136	.038	.800
.950	.062	.043	.034	.029	.041	.068	.090	.003	.950
	$\alpha = 12^o$				$\beta = 0^o$				
Upper surface									
.011	-.116	-.164	-.168	-.154	-.173				.011
.025							-.170		.025
.050	-.085	-.173	-.182	-.175	-.165	-.158	-.180	-.158	.050
.100	-.084	-.154	-.191	-.168	-.168	-.183	-.181	-.163	.100
.150	-.109	-.165	-.194	-.173		-.184	-.187	-.163	.150
.200	-.095	-.165	-.187	-.173	-.189	-.177	-.191	-.163	.200
.250	-.097	-.141	-.184	-.174	-.191	-.196	-.197		.250
.300	-.106	-.128	-.184			-.207	-.199	-.164	.300
.350	-.106	-.137	-.176	-.174	-.194	-.210	-.206	-.158	.350
.400	-.111	-.144	-.183	-.193	-.206	-.216	-.210	-.163	.400
.450	-.105	-.149	-.175	-.193	-.187	-.216	-.195	-.183	.450
.500	-.118	-.150	-.171	-.191	-.206	-.216	-.216	-.190	.500
.650	-.132	-.158	-.154	-.184	-.189	-.217	-.208	-.200	.650
.800	-.156	-.184	-.168	-.207	-.201	-.188	-.203	-.235	.800
.950	-.156	-.195	-.177	-.189	-.201	-.209	-.203	-.225	.950
Lower surface									
.011	.277	.570	.654	.664	.728				.011
.020						.758	.751		.020
.050		.420	.505	.568	.607	.644	.682	.707	.050
.100		.352	.428	.483	.528	.549	.613		.100
.150	.247	.320	.380	.426	.472	.521	.561	.542	.150
.200	.254	.288		.384	.431		.506	.458	.200
.250	.245	.281	.316		.411	.426	.469	.402	.250
.300	.241		.292		.368	.407	.450	.370	.300
.350	.227	.247	.269	.284	.341	.364	.412	.314	.350
.400	.209	.221	.241		.317	.337	.393	.288	.400
.450	.206	.207	.230	.257	.286	.337	.370	.258	.450
.500	.202	.195	.205	.240	.262	.314	.345	.223	.500
.650	.166	.171	.170	.184	.205	.247	.281	.158	.650
.800	.159	.134	.142	.133	.156	.195	.226	.104	.800
.950	.144	.126	.115	.108	.121	.151	.172	.060	.950

TABLE XII

TABULATED PRESSURE COEFFICIENTS FOR SHORT-BODY, MIDWING,

LARGE TRAPEZOIDAL CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 15^o$ $\beta = 0^o$								
Upper surface									
.011	-.196	-.233	-.232	-.214	-.229				.011
.025							-.231		.025
.050	-.160	-.234	-.233	-.226	-.211	-.215	-.220	-.211	.050
.100	-.159	-.216	-.238	-.213	-.211	-.227	-.218	-.208	.100
.150	-.157	-.226	-.238	-.216		-.235	-.226	-.201	.150
.200	-.155	-.226	-.238	-.222	-.227		-.232	-.198	.200
.250	-.155	-.199	-.238	-.222	-.235	-.238	-.234		.250
.300	-.160	-.186	-.238			-.245	-.241	-.198	.300
.350	-.156	-.196		-.222	-.238	-.251	-.246	-.194	.350
.400	-.156	-.196	-.235	-.240	-.246	-.256	-.251	-.202	.400
.450	-.151	-.198	-.226	-.240	-.239	-.253	-.237	-.222	.450
.500	-.162	-.198	-.232	-.240	-.253	-.252	-.256	-.227	.500
.650	-.167	-.198	-.195	-.229	-.232	-.245	-.244	-.238	.650
.800	-.186	-.215	-.203	-.244	-.245	-.222	-.240	-.269	.800
.950	-.179	-.228	-.212	-.234	-.244	-.245	-.240	-.252	.950
Lower surface									
.011	.289	.697	.796	.781	.862				.011
.020						.888	.902		.020
.050		.531	.620	.668	.725	.770	.818	.862	.050
.100		.454	.533	.577	.633	.654	.734	.669	.100
.150	.332	.417	.475	.523	.571		.669	.658	.150
.200	.372	.379	.418	.475	.525		.611	.567	.200
.250	.360	.371	.406		.489		.570	.504	.250
.300	.348		.375	.420	.452	.497	.546	.463	.300
.350	.328	.335	.354	.367	.422	.449	.509	.406	.350
.400	.306	.304	.321		.396	.419	.483	.371	.400
.450	.294	.291	.313	.336	.363	.420	.455	.334	.450
.500	.283	.275	.289	.318	.344	.397	.427	.297	.500
.650	.235	.239	.241	.263	.280	.318	.362	.223	.650
.800	.228	.207	.207	.203	.229	.262	.294	.158	.800
.950	.209	.190	.184	.177	.193	.216	.229	.113	.950

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL DELTA CANARD CONFIGURATION

(a) $\delta_c = 0^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^o$				$\beta = 0^o$				
	Upper surface								
.011	.077	.124	.096	.098	.096				.011
.025							.131		.025
.050	.063	.111	.090	.078	.082	.095	.121	.118	.050
.100	.056		.084	.066	.067	.074	.100	.102	.100
.150	.048	.067	.074	.056		.065	.093	.084	.150
.200	.038	.040	.060	.051	.047	.051	.080	.070	.200
.250	.032	.032	.048	.046	.038	.039	.065		.250
.300	.032	.022	.034			.025	.052	.045	.300
.350	.024	.014	.021	.030	.022	.015	.033	.033	.350
.400	.013	.002	.008	.014	.014	.006	.021	.021	.400
.450	.006	-.004	-.005	.005	.006	-.004	.009	.013	.450
.500	-.001	-.008	-.011	-.007	-.001	-.014	-.004	.006	.500
.650	-.022	-.032	-.037	-.039	-.032	-.033	-.033	-.012	.650
.800	-.035	-.052	-.060	-.066	-.061	-.054	-.058	-.031	.800
.950	-.047	-.065	-.073	-.064	-.067	-.057	-.052	-.045	.950
	Lower surface								
.011	.053	.120	.133	.100	.114				.011
.020						.129	.147		.020
.050		.114	.113	.100	.099	.110	.142	.137	.050
.100		.087	.099	.088	.086	.091	.129		.100
.150	.048	.069	.090	.079	.073	.074	.112	.102	.150
.200	.049	.051	.074	.070	.065		.093	.084	.200
.250	.041	.048	.059	.055	.052	.048	.076	.059	.250
.300	.035		.038	.055	.042	.040	.065		.300
.350	.024	.024	.029	.033	.036	.028	.049	.042	.350
.400	.016	.016	.015	.020	.028	.012	.037	.031	.400
.450	.016	.007	.006	.010	.017	.015	.023	.024	.450
.500	.008	-.003	-.005	.000	.005	.009	.009	.019	.500
.650	-.012	-.029	-.029	-.030	-.031	-.020	-.019	-.001	.650
.800	-.027	-.041	-.052	-.062	-.056	-.042	-.044	-.019	.800
.950	-.042	-.053	-.071	-.065	-.065	-.057	-.059	-.033	.950
	$\alpha = 2^o$				$\beta = 0^o$				
	Upper surface								
.011	.030	.046	.011	.026	.019				.011
.025							.053		.025
.050	.019	.037	.000	.005	.017	.031	.045	.052	.050
.100	.013	.017	-.004	-.004	.002	.007	.033	.038	.100
.150	.001	-.006	-.006	-.012		-.002	.024	.024	.150
.200	-.007	-.018	-.021	-.017	-.019	-.002	.011	.014	.200
.250	-.013	-.027	-.025	-.018	-.032	-.024	-.004		.250
.300	-.021	-.033	-.038			-.038	-.014	-.001	.300
.350	-.025	-.041	-.045	-.027	-.047	-.047	-.031	-.001	.350
.400	-.038	-.055	-.055	-.049	-.052	-.057	-.041	-.009	.400
.450	-.038	-.056	-.056	-.057	-.052	-.064	-.041	-.019	.450
.500	-.049	-.059	-.062	-.063	-.064	-.076	-.059	-.023	.500
.650	-.064	-.075	-.074	-.078	-.076	-.095	-.081	-.038	.650
.800	-.079	-.098	-.095	-.107	-.107	-.102	-.110	-.060	.800
.950	-.089	-.107	-.104	-.085	-.084	-.089	-.088	-.060	.950
	Lower surface								
.011	.078	.160	.205	.178	.184				.011
.020						.194	.205		.020
.050		.152	.185	.181	.166	.166	.205	.194	.050
.100		.121	.166	.166	.152	.150	.192	.162	.100
.150	.061	.100	.149	.147	.135	.136	.173		.150
.200	.063	.079	.121	.131	.128		.140	.124	.200
.250	.054	.077	.105		.120	.103	.120	.100	.250
.300	.054		.077	.098	.112	.093			.300
.350	.045	.051	.065	.070	.092	.092	.085	.063	.350
.400	.033	.044	.045	.061	.076	.082	.077	.056	.400
.450	.033	.033	.038	.038	.057	.080	.065	.038	.450
.500	.033	.023	.021	.029	.037	.068	.055	.026	.500
.650	.005	-.005	-.003	-.010	.005	.030	.021	-.005	.650
.800	-.008	-.026	-.027	-.036	-.036	-.009	-.003	-.028	.800
.950	-.028	-.037	-.051	-.056	-.054	-.035	-.023	-.042	.950

[redacted]

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL DELTA CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	-.008	.011	-.034	-.014	-.026				.011
.025							.020		.025
.050	-.008	-.001	-.044	-.042	-.027	-.009	.007	.017	.050
.100	-.008	-.014	-.045	-.044	-.036	-.036	-.002	.005	.100
.150	-.024	-.037	-.045	-.052		-.040	-.014	-.009	.150
.200	-.024	-.045	-.053	-.058	-.059	-.039	-.027	-.011	.200
.250	-.030	-.053	-.059	-.058	-.071	-.062	-.036		.250
.300	-.039	-.055	-.063			-.071	-.049	-.019	.300
.350	-.039	-.068	-.074	-.064	-.081	-.081	-.062	-.018	.350
.400	-.052	-.068	-.074	-.083	-.093	-.088	-.074	-.024	.400
.450	-.053	-.076	-.072	-.089	-.088	-.093	-.066	-.033	.450
.500	-.065	-.077	-.087	-.096	-.101	-.100	-.087	-.038	.500
.650	-.077	-.087	-.096	-.103	-.106	-.121	-.109	-.050	.650
.800	-.096	-.109	-.110	-.126	-.129	-.119	-.132	-.071	.800
.950	-.101	-.123	-.116	-.108	-.108	-.110	-.106	-.082	.950
Lower surface									
.011	.138	.226	.302	.272	.279				.011
.020						.279	.299		.020
.050		.205	.261	.279	.256	.244	.296	.292	.050
.100		.167	.233	.249	.247	.232	.274		.100
.150	.093	.147	.202	.224		.218	.250	.250	.150
.200	.093	.126	.170	.203	.214		.210	.198	.200
.250	.086	.114	.151	.170	.197	.183	.194	.181	.250
.300	.088		.126	.159	.183	.174	.184	.162	.300
.350	.077	.093	.106	.125	.160	.167	.154		.350
.400	.065	.079	.084	.116	.134	.151	.147	.112	.400
.450	.065	.064	.075	.092	.113	.149	.138	.093	.450
.500	.061	.054	.056	.078	.095	.138	.133	.072	.500
.650	.030	.034	.029	.037	.057	.088	.091	.034	.650
.800	.020	-.005	.004	.007	.013	.044	.070	.005	.800
.950	-.005	-.007	-.016	-.018	-.013	.016	.040	-.015	.950
$\alpha = 6^o$ $\beta = 0^o$									
Upper surface									
.011	-.082	-.054	-.076	-.048	-.060				.011
.025							-.026		.025
.050	-.052	-.063	-.090	-.076	-.063	-.053	-.039	-.031	.050
.100	-.051	-.067	-.091	-.076	-.072		-.045	-.038	.100
.150	-.066	-.090	-.092	-.085		-.073	-.056	-.046	.150
.200	-.060	-.092	-.099	-.092	-.096		-.067	-.041	.200
.250	-.060	-.093	-.102	-.092	-.104	-.098	-.079		.250
.300	-.071	-.095	-.115			-.112	-.090	-.045	.300
.350	-.070	-.102	-.115	-.101	-.112	-.117	-.101	-.044	.350
.400	-.080	-.103	-.111	-.117	-.123	-.124		-.052	.400
.450		-.106	-.112	-.117	-.115	-.131	-.110	-.061	.450
.500	-.089	-.106	-.110	-.127	-.131	-.138	-.124	-.061	.500
.650	-.093	-.112	-.110	-.122	-.131	-.153	-.145	-.078	.650
.800	-.115	-.137	-.123	-.141	-.140	-.135	-.162	-.108	.800
.950	-.121	-.145	-.127	-.124	-.132	-.137	-.138	-.122	.950
Lower surface									
.011	.228	.332	.386	.377	.382				.011
.020						.364	.387		.020
.050		.280	.340	.365	.358	.334	.378	.378	.050
.100		.228	.297	.330	.341	.316	.348		.100
.150		.199	.257	.293	.309	.308	.320	.323	.150
.200	.147	.175	.225	.261	.285		.282	.265	.200
.250	.136	.162	.201	.226	.263	.268	.265	.234	.250
.300	.131		.178	.204	.234	.257	.259	.211	.300
.350	.121	.124	.152	.177	.206	.240	.232		.350
.400	.107	.118	.134	.161	.184	.216	.220	.149	.400
.450	.101	.102	.121	.135	.161	.208	.212	.126	.450
.500	.097	.094	.100	.124	.142	.187	.201	.102	.500
.650	.069	.063	.069	.078	.098	.126	.148	.056	.650
.800	.055	.026	.043	.043	.051	.084	.111	.024	.800
.950	.034	.029	.014	.017	.021	.050	.069	-.001	.950

[redacted]

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL DELTA CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 8^o$ $\beta = 0^o$									
Upper surface									
.011	-.133	-.110	-.123	-.097	-.106				.011
.025							-.066		.025
.050	-.104	-.120	-.129	-.121	-.107	-.098	-.076	-.062	.050
.100	-.091	-.120	-.138	-.122	-.121	-.126	-.084	-.075	.100
.150	-.103	-.136	-.141	-.129		-.127	-.095	-.077	.150
.200	-.102	-.138	-.146	-.135	-.139	-.120	-.104	-.075	.200
.250	-.102	-.135	-.147	-.135	-.147	-.139	-.113		.250
.300	-.106	-.126	-.147			-.144	-.122	-.074	.300
.350	-.104	-.132	-.148	-.141	-.158	-.148	-.132	-.075	.350
.400	-.114	-.133	-.153	-.159	-.161	-.154	-.142	-.075	.400
.450	-.104	-.133	-.147	-.161	-.161	-.160	-.136	-.094	.450
.500	-.122	-.133	-.147	-.161	-.168	-.166	-.152	-.094	.500
.650	-.121	-.138	-.148	-.163	-.168	-.179	-.174	-.113	.650
.800	-.146	-.161	-.151	-.171	-.168		-.174	-.144	.800
.950	-.146	-.168	-.157	-.163	-.168	-.160	-.167	-.153	.950
Lower surface									
.011	.310	.449	.512	.501	.517				.011
.020						.479	.509		.020
.050		.347	.417	.452	.465	.446	.487	.503	.050
.100		.291	.357	.397	.420	.427	.456		.100
.150	.197	.253	.314	.347	.375	.397	.422	.414	.150
.200	.201	.226	.272	.306	.344		.387	.352	.200
.250	.193	.212	.250	.275	.309	.337	.363	.309	.250
.300	.183		.225	.252	.285	.312			.300
.350	.167	.187	.201	.219	.254	.295	.319	.242	.350
.400	.152	.162	.181	.205	.232	.266	.305	.218	.400
.450	.145	.151	.165	.177	.203	.258	.288	.193	.450
.500	.137	.135	.139	.163	.188	.242	.271	.167	.500
.650	.099	.104	.104	.117	.132	.175	.214	.116	.650
.800	.090	.057	.076	.074	.089	.128	.163	.071	.800
.950	.070	.058	.042	.043	.061	.095	.121	.034	.950
$\alpha = 10^o$ $\beta = 0^o$									
Upper surface									
.011	-.152	-.134	-.136	-.124	-.134				.011
.025							-.095		.025
.050	-.128	-.141	-.144	-.146	-.134	-.117	-.101	-.107	.050
.100	-.111	-.141	-.153	-.146	-.141	-.139	-.109	-.103	.100
.150		-.158	-.155	-.148		-.146	-.117	-.099	.150
.200	-.110	-.158	-.160	-.155	-.159	-.141	-.129	-.095	.200
.250	-.110	-.153	-.166	-.155	-.168	-.160	-.136		.250
.300	-.116	-.142	-.166				-.143	-.096	.300
.350	-.113	-.149	-.166	-.162	-.173	-.176	-.153	-.094	.350
.400	-.115	-.142	-.165	-.181	-.181	-.182		-.097	.400
.450	-.105	-.134	-.158	-.180	-.176	-.182	-.152	-.110	.450
.500	-.117	-.134	-.169	-.180	-.187	-.187	-.171	-.120	.500
.650	-.117	-.141	-.165	-.180	-.187	-.197	-.191	-.137	.650
.800	-.141	-.160	-.153	-.180	-.181		-.192	-.171	.800
.950	-.148	-.171	-.162	-.180	-.181	-.178	-.180	-.173	.950
Lower surface									
.011	.403	.548	.631	.620	.664				.011
.020						.661	.669		.020
.050		.423	.501	.541	.566	.579	.619	.638	.050
.100		.359	.429	.467	.502	.523	.564		.100
.150	.266	.322	.381	.416	.447		.517	.504	.150
.200	.277	.295	.338	.374	.414		.472	.428	.200
.250	.260	.281	.312	.344	.374	.416	.438	.375	.250
.300	.247		.291	.320	.347	.383	.418	.347	.300
.350	.230	.245	.268	.278	.318	.361	.386	.292	.350
.400	.210	.226	.233	.269	.295	.327	.365	.271	.400
.450	.200	.212	.226	.240	.264	.308	.341	.238	.450
.500	.193	.195	.207	.231	.248	.290	.318	.210	.500
.650	.153	.154	.163	.172	.198	.228	.262	.148	.650
.800	.137	.108	.128	.122	.147	.175	.209	.098	.800
.950	.126	.110	.085	.092	.108	.136	.161	.059	.950

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL DELTA CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 12^o$				$\beta = 0^o$				
Upper surface									
.011	-.173	-.163	-.160	-.155	-.166				.011
.025							-.135		.025
.050	-.159	-.168	-.168	-.179	-.165	-.150	-.139	-.159	.050
.100		-.168	-.175	-.178	-.167	-.168	-.140	-.158	.100
.150	-.141	-.184	-.179	-.179		-.173	-.150	-.152	.150
.200	-.130	-.180	-.184	-.184	-.189	-.174	-.161	-.147	.200
.250	-.130	-.175	-.188	-.184	-.198	-.188	-.168		.250
.300	-.130	-.167	-.189			-.197	-.175	-.144	.300
.350	-.128	-.166	-.189	-.192	-.200	-.205	-.180	-.135	.350
.400	-.128	-.152	-.186	-.207	-.207	-.208	-.188	-.136	.400
.450		-.152	-.178	-.208	-.207	-.208	-.188	-.155	.450
.500	-.128	-.152	-.198	-.210	-.221	-.216	-.199	-.166	.500
.650	-.127	-.152	-.192	-.198	-.204	-.223	-.218	-.176	.650
.800	-.152	-.171	-.169	-.206	-.205		-.220	-.211	.800
.950	-.154	-.184	-.178	-.206	-.205	-.204	-.208	-.211	.950
Lower surface									
.011	.469	.634	.712	.707	.774				.011
.020						.785	.811		.020
.050		.478	.559	.605	.649	.676	.734	.757	.050
.100		.415	.478	.528	.566	.598	.665		.100
.150		.375	.426	.468	.509	.550	.608	.583	.150
.200	.331	.340	.388	.426	.464		.557	.496	.200
.250	.306	.330	.363	.386	.432	.469	.515	.443	.250
.300	.291		.336	.359	.400	.437	.493		.300
.350	.273	.301	.312	.327	.368	.417	.454	.355	.350
.400	.252	.268	.284	.316	.339	.381	.429	.324	.400
.450	.245	.252	.269	.288	.313	.366	.408	.292	.450
.500	.234	.235	.245	.273	.290	.347	.384	.256	.500
.650	.189	.193	.202	.213	.227	.281	.319	.189	.650
.800	.176	.143	.163	.160	.181	.227	.261	.135	.800
.950	.161	.140	.122	.133	.144	.193	.198	.090	.950
	$\alpha = 15^o$				$\beta = 0^o$				
Upper surface									
.011	-.228	-.225	-.225	-.204	-.216				.011
.025							-.207		.025
.050	-.212	-.231	-.225	-.215	-.203	-.194	-.188	-.198	.050
.100	-.193	-.222	-.225	-.215	-.203	-.213	-.179	-.193	.100
.150	-.192	-.231	-.228	-.215		-.209	-.186	-.187	.150
.200	-.179	-.230	-.233	-.224	-.228	-.209	-.192	-.183	.200
.250	-.172	-.231		-.224	-.229	-.222	-.197		.250
.300	-.172	-.219	-.232			-.225	-.203	-.177	.300
.350	-.161	-.219	-.232	-.229	-.241	-.230	-.210	-.177	.350
.400	-.158	-.192	-.233	-.241	-.241	-.233	-.218	-.184	.400
.450	-.143	-.192	-.228	-.241	-.241	-.236	-.207	-.200	.450
.500	-.153	-.191	-.233	-.241	-.248	-.243	-.223	-.207	.500
.650	-.162	-.197	-.226	-.223		-.241	-.238	-.215	.650
.800	-.193	-.212	-.199	-.231	-.237	-.219	-.239	-.245	.800
.950	-.179	-.224	-.200	-.231	-.238	-.231	-.231	-.229	.950
Lower surface									
.011	.553	.730	.823	.828	.908				.011
.020						.934	.943		.020
.050		.562	.646	.710	.766	.822	.857	.890	.050
.100		.481	.562	.619	.670	.718	.774		.100
.150		.448	.512	.561	.607		.706	.687	.150
.200	.399	.409	.462	.511	.565		.649	.600	.200
.250	.381	.402	.438	.477	.519	.578	.606	.533	.250
.300	.367		.415	.451	.487	.537	.582	.493	.300
.350	.351	.363	.387	.419	.458	.504	.547	.441	.350
.400	.326	.333	.350	.402	.428	.476	.515	.395	.400
.450	.317	.319	.335	.373	.403	.443	.493	.358	.450
.500	.303	.303	.317	.351	.384	.427	.460	.325	.500
.650	.248	.256	.266	.289	.314	.343	.393	.249	.650
.800	.238	.212	.228	.230	.260	.287	.323	.190	.800
.950	.233	.216	.196	.205	.224	.246	.258	.143	.950

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL DELTA CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^o$ $\beta = 0^o$									
Upper surface									
.011	.057	.261	-.012	.028	.050				.011
.025							.102		.025
.050	.074	.228	.007	.024	.027	.043	.090	.101	.050
.100	.075		.032	-.007	.012	.043	.063	.083	.100
.150	.076	.072	.052	-.017		.027	.063	.066	.150
.200	.068	.046	.041	-.007	.002	-.001	.052	.053	.200
.250	.068	.028	.036	-.007	-.011	-.002	.038		.250
.300	.057	.005	.015			-.001	.026	.026	.300
.350	.032	.005	.004	-.008	-.028	-.014	.011	.014	.350
.400	.005	-.008	-.007	-.007	-.026	-.025	-.002	.005	.400
.450	-.017	-.011	-.031	-.017		-.033	-.031	.000	.450
.500	-.017	-.019	-.027	-.024	-.033	-.043	-.024	-.005	.500
.650	-.043	-.059	-.062	-.064	-.068	-.069	-.057	-.033	.650
.800	-.045	-.075	-.092	-.087	-.084	-.102	-.087	-.043	.800
.950	-.069	-.078	-.109	-.107	-.190	-.066	-.065	-.062	.950
Lower surface									
.011	.014	-.010	.269	.142	.140				.011
.020						.150	.163		.020
.050		-.014	.159	.154	.133	.138	.146	.141	.050
.100		-.009	.105	.154	.110	.108	.133		.100
.150	-.007	.008	.082	.119	.114	.096	.114	.110	.150
.200	-.009	.021	.082	.092	.115		.104	.098	.200
.250	-.015	.028	.051	.077	.093	.072	.090	.072	.250
.300	-.026		.035	.054	.072	.058	.070	.082	.300
.350	-.012	.016	.021	.045	.056	.049	.077	.051	.350
.400	-.005	-.002	.010	.021	.037	.043	.055	.034	.400
.450	.003	-.005	-.008	.012	.030	.030	.044	.024	.450
.500	.002	-.014	.002	-.005	.019	.022	.019	.017	.500
.650	-.010	-.020	-.033	-.026	-.027	-.009	.002	-.005	.650
.800	-.030	-.030	-.056	-.063	-.049	-.042	-.029	-.026	.800
.950	-.050	-.057	-.070	-.073	-.065	-.068	-.056	-.033	.950
$\alpha = 2^o$ $\beta = 0^o$									
Upper surface									
.011	-.002	.204	-.083	-.038	-.012				.011
.025							.045		.025
.050	.017	.166	-.065	-.043	-.033	-.017	.032	.045	.050
.100	.034		-.018	-.071	-.044	-.019	.007	.031	.100
.150	.036	.031	-.006	-.072		-.031	.007	.017	.150
.200	.031	-.015	-.023	-.066	-.052	-.057	-.006	.011	.200
.250	.031	-.028	-.031	-.066	-.068	-.058	-.020		.250
.300	.032		-.050			-.059	-.032	-.006	.300
.350	.015	-.034	-.050	-.066	-.083	-.064	-.045	-.017	.350
.400	-.019	-.044	-.056	-.066	-.083	-.072	-.056	-.024	.400
.450	-.047	-.050	-.072	-.066	-.097	-.083	-.082	-.024	.450
.500	-.055	-.059	-.070	-.066	-.083	-.093	-.075	-.030	.500
.650	-.075	-.095	-.100	-.097		-.119	-.097	-.055	.650
.800		-.104	-.122	-.109	-.116	-.142	-.128	-.064	.800
.950	-.098	-.114	-.135	-.128	-.193	-.104	-.102	-.088	.950
Lower surface									
.011	.057	.014	.358	.249	.225				.011
.020						.225	.247		.020
.050		.027	.215	.280	.221	.211	.221	.222	.050
.100		.027	.162	.231	.207	.188	.204		.100
.150	.011	.043	.137	.183	.207	.174	.182	.184	.150
.200	.011	.043	.127	.153	.193		.170	.163	.200
.250	.013	.064	.100	.140	.160	.159	.155	.121	.250
.300	-.001		.082	.110	.132	.146	.138		.300
.350	.015	.062	.064	.095	.112	.132	.138	.093	.350
.400	.019	.039	.051	.072	.098	.131	.119	.072	.400
.450	.030	.039	.036	.067	.086		.110	.057	.450
.500	.030	.028	.036	.043	.075	.090	.088	.051	.500
.650	.021	.011	.005	.020	.021	.041	.075	.014	.650
.800	-.004	-.006	-.025	-.022	-.006	.005	.032	-.016	.800
.950	-.025	-.035	-.034	-.034	-.028	-.027	-.002	-.026	.950

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL DELTA CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	-.068	.060	-.077	-.078	-.058				.011
.025							-.009		.025
.050	-.040	.026	-.091	-.084	-.077	-.066	-.025	-.009	.050
.100	-.024	-.046	-.072	-.108	-.090	-.071	-.046	-.023	.100
.150	-.012	-.046	-.072	-.116		-.078	-.044	-.030	.150
.200	-.021	-.060	-.081	-.117	-.095	-.098	-.057	-.031	.200
.250	-.030	-.068	-.081	-.116	-.110	-.100	-.070		.250
.300	-.030	-.098	-.082			-.101	-.082	-.041	.300
.350	-.032	-.092	-.079	-.113	-.122	-.108	-.094	-.053	.350
.400	-.039	-.094	-.079	-.113	-.128	-.115	-.104	-.060	.400
.450	-.070	-.092	-.108	-.113	-.140	-.121	-.129	-.060	.450
.500	-.076	-.092	-.101	-.113	-.129	-.133	-.123	-.068	.500
.650	-.097	-.122	-.120	-.130		-.152	-.141	-.094	.650
.800	-.102	-.129	-.141	-.136	-.143	-.167	-.162	-.107	.800
.950	-.123	-.141	-.151	-.147	-.209	-.137	-.136	-.141	.950
Lower surface									
.011	.108	.147	.366	.332	.308				.011
.020						.291	.312		.020
.050		.143	.267	.323	.304	.281	.286	.293	.050
.100		.122	.224	.277	.290	.262	.268		.100
.150	.055	.115	.196	.234	.263	.244	.241	.247	.150
.200	.057	.104	.182	.199	.239		.228	.223	.200
.250	.062	.106	.149	.183	.208	.223	.213	.174	.250
.300	.058		.129	.154	.182	.204	.192		.300
.350	.066	.097	.107	.132	.160	.188	.198	.132	.350
.400	.066	.077	.093	.112	.140	.164	.181	.108	.400
.450	.066	.077	.078	.100	.128	.146	.171	.085	.450
.500	.059	.064	.078	.077	.108	.129	.149	.077	.500
.650	.051	.041	.041	.047	.055	.080	.118	.037	.650
.800	.029	.027	.010	.003	.022	.036	.072	-.003	.800
.950	.010	-.002	-.020	-.008	.005	.001	.029	-.017	.950
$\alpha = 6^o$ $\beta = 0^o$									
Upper surface									
.011	-.083	-.083	-.092	-.105	-.094				.011
.025							-.050		.025
.050	-.057	-.091	-.104	-.110	-.116	-.109	-.059	-.044	.050
.100	-.058	-.107	-.116	-.132	-.121	-.108	-.082	-.056	.100
.150	-.059	-.100	-.117	-.133		-.114	-.081	-.057	.150
.200	-.071	-.100	-.122	-.140	-.127	-.130	-.092	-.058	.200
.250		-.100	-.120	-.140	-.137	-.130	-.104		.250
.300	-.065	-.113	-.121			-.133	-.111	-.057	.300
.350	-.065	-.097	-.122	-.153	-.143	-.141	-.124	-.070	.350
.400	-.075	-.105	-.122	-.143	-.150	-.148	-.134	-.076	.400
.450	-.088	-.105	-.136	-.143	-.166	-.154	-.154	-.076	.450
.500	-.088	-.114	-.124	-.143	-.165	-.163	-.154		.500
.650	-.111	-.137	-.137	-.165	-.178	-.175	-.166	-.115	.650
.800	-.120	-.143	-.152	-.159	-.160	-.181	-.175	-.134	.800
.950	-.145	-.155	-.161	-.158	-.219	-.156	-.159	-.171	.950
Lower surface									
.011	.167	.280	.388	.415	.422				.011
.020						.376	.413		.020
.050		.248	.318	.381	.400	.366	.378	.396	.050
.100		.196	.283	.336	.357	.346	.347		.100
.150	.120	.171	.249	.297	.329	.336	.325	.333	.150
.200	.120	.152	.228	.266	.301		.308	.291	.200
.250	.121	.147	.193	.238	.268	.294	.294	.238	.250
.300	.106		.168	.206	.241	.265	.276		.300
.350	.107	.126	.148	.186	.219	.247	.274	.182	.350
.400	.100	.115	.138	.165	.191	.226	.249	.154	.400
.450	.093	.111	.117	.149	.172		.235	.135	.450
.500	.093	.096	.110	.128	.157	.186	.210	.120	.500
.650	.072	.068	.071	.089	.097	.133	.168	.078	.650
.800	.056	.049	.037	.044	.064	.084	.117	.034	.800
.950	.037	.023	.021	.027	.045	.043	.076	.017	.950

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL DELTA CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^o$ $\beta = 0^o$								
	Upper surface								
.011	-.151	-.123	-.137	-.142	-.128				.011
.025							-.091		.025
.050	-.105	-.132	-.155	-.147	-.148	-.134	-.098	-.084	.050
.100	-.105	-.145	-.167	-.167	-.158	-.140	-.117	-.098	.100
.150	-.103	-.148	-.167	-.168		-.154	-.117	-.101	.150
.200	-.116	-.148	-.167	-.179	-.165	-.164	-.127	-.092	.200
.250	-.115	-.148	-.167	-.178	-.166	-.165	-.139		.250
.300	-.115	-.152	-.167			2.464	-.148	-.094	.300
.350	-.115	-.132	-.168	-.181	-.181	-.179	-.158	-.107	.350
.400	-.115	-.137	-.167	-.172	-.184	-.186	-.164	-.107	.400
.450	-.123	-.137	-.174	-.172	-.196	-.191	-.184	-.110	.450
.500	-.115	-.137	-.159	-.173	-.196	-.196	-.184	-.121	.500
.650	-.133	-.156	-.158	-.188	-.196	-.205	-.198	-.160	.650
.800	-.148	-.167	-.165	-.188	-.185	-.199	-.198	-.178	.800
.950	-.164	-.181	-.179	-.175	-.219	-.185	-.191	-.200	.950
	Lower surface								
.011	.193	.440	.525	.521	.544				.011
.020						.502	.516		.020
.050		.330	.416	.469	.490	.480	.476	.501	.050
.100		.269	.354	.409	.433	.444	.449		.100
.150	.162	.237	.307	.358	.394		.421	.410	.150
.200	.176	.213	.276	.315	.363		.392	.356	.200
.250	.177	.205	.251	.293	.326	.358	.370	.298	.250
.300	.164		.223	.255	.290	.328	.350		.300
.350	.163	.182	.201	.230	.268	.314	.335	.242	.350
.400	.150	.162	.181	.209	.242	.283	.309	.215	.400
.450	.143	.155	.156	.194	.224	.253	.289	.190	.450
.500	.134	.133	.150	.174	.199	.231	.262	.164	.500
.650	.107	.105	.111	.134	.136	.171	.211	.107	.650
.800	.093	.085	.078	.078	.106	.125	.153	.064	.800
.950	.076	.061	.052	.064	.077	.087	.111	.034	.950
	$\alpha = 10^o$ $\beta = 0^o$								
	Upper surface								
.011	-.198	-.171	-.183	-.183	-.167				.011
.025							-.130		.025
.050	-.157	-.172	-.193	-.187	-.180	-.170	-.134	-.159	.050
.100	-.138	-.189	-.200	-.202	-.193	-.174	-.153	-.167	.100
.150	-.136	-.184	-.206	-.203		-.185	-.153	-.158	.150
.200	-.152	-.186	-.206	-.210	-.199	-.198	-.164	-.140	.200
.250	-.153	-.185	-.208	-.210	-.208	-.198	-.173		.250
.300	-.145	-.185	-.208			-.199	-.183	-.133	.300
.350	-.141	-.162	-.208	-.216	-.221	-.210	-.192	-.146	.350
.400	-.141	-.164	-.208	-.213	-.225	-.216	-.199	-.152	.400
.450	-.152	-.164	-.206	-.213	-.227	-.222	-.211	-.152	.450
.500	-.148	-.165	-.198	-.213	-.228	-.228	-.213	-.159	.500
.650	-.164	-.183	-.183	-.221	-.228	-.238	-.231	-.203	.650
.800	-.178	-.193	-.190	-.225	-.216	-.224	-.231	-.223	.800
.950	-.186	-.203	-.199	-.203	-.237	-.216	-.223	-.235	.950
	Lower surface								
.011	.311	.520	.616	.618	.670				.011
.020						.673	.685		.020
.050		.397	.479	.534	.573	.590	.617	.633	.050
.100		.336	.409	.463	.500	.531	.559		.100
.150	.217	.294	.362	.409	.449	.484	.513	.496	.150
.200	.243	.266	.330	.366	.407		.468	.427	.200
.250	.236	.257	.301	.339	.374	.409	.437	.367	.250
.300	.219		.275	.307	.343	.385	.415	.348	.300
.350	.212	.225	.258	.281	.317	.356	.393	.296	.350
.400	.197	.210	.226	.262	.286	.331	.370	.265	.400
.450	.189	.201	.215	.243	.269	.301	.344	.232	.450
.500	.182	.181	.204	.223	.250	.281	.315	.206	.500
.650	.147	.152	.156	.170	.184	.217	.258	.145	.650
.800	.132	.125	.114	.115	.139	.163	.198	.091	.800
.950	.112	.100	.086	.090	.108	.127	.146	.059	.950

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL DELTA CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 12^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	-.226	-.199	-.197	-.199	-.185				.011
.025							-.155		.025
.050	-.193	-.197	-.209	-.199	-.190	-.184	-.153	-.170	.050
.100	-.173	-.216	-.212	-.206	-.199	-.192	-.167	-.180	.100
.150	-.168	-.209	-.219	-.218		-.198	-.167	-.177	.150
.200	-.167	-.209	-.224	-.218	-.211	-.210	-.177	-.167	.200
.250	-.166	-.210	-.224	-.218	-.218	-.210	-.184		.250
.300	-.164	-.204	-.224			-.216	-.191	-.164	.300
.350	-.161	-.190	-.224	-.224	-.228	-.218	-.200	-.172	.350
.400	-.160	-.180	-.224	-.225	-.232	-.225	-.209	-.179	.400
.450	-.160	-.180	-.224	-.225	-.234	-.234	-.218	-.179	.450
.500	-.159	-.180	-.216	-.225	-.236	-.234	-.218	-.185	.500
.650	-.168	-.197	-.206	-.225	-.237	-.236	-.238	-.213	.650
.800	-.183	-.206	-.190	-.225	-.239	-.226	-.231	-.238	.800
.950	-.192	-.221	-.199	-.225	-.228	-.221	-.224	-.232	.950
Lower surface									
.011	.392	.604	.700	.708	.778				.011
.020						.799	.809		.020
.050		.461	.545	.606	.655	.689	.731	.779	.050
.100		.391	.467	.526	.567	.608	.655		.100
.150	.276	.355	.418	.468	.510	.554	.601	.591	.150
.200	.303	.316	.383	.426	.475		.550	.519	.200
.250	.293	.304	.351	.395	.433	.476	.514	.455	.250
.300	.278		.327	.365	.398	.450	.486	.426	.300
.350	.265	.286	.303	.334	.373	.416	.463	.372	.350
.400	.247	.254	.278	.317	.348	.388	.430	.341	.400
.450	.234	.241	.264	.295	.318	.362	.423	.304	.450
.500	.225	.222	.250	.274	.299	.337	.397	.278	.500
.650	.187	.191	.198	.220	.230	.271	.341	.211	.650
.800	.181	.167	.159	.161	.188	.212	.275	.149	.800
.950	.177	.145	.132	.136	.153	.171	.212	.114	.950
$\alpha = 15^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	-.229	-.237	-.237	-.228	-.222				.011
.025							-.229		.025
.050	-.204	-.237	-.225	-.228	-.209	-.198	-.211	-.216	.050
.100	-.192	-.231	-.225	-.228	-.217	-.206	-.196	-.203	.100
.150	-.190	-.231	-.234	-.228		-.212	-.197	-.203	.150
.200	-.178	-.231	-.239	-.234	-.236	-.213	-.204	-.196	.200
.250	-.172	-.230	-.239	-.235	-.237	-.226	-.209		.250
.300	-.171	-.213	-.239			-.241	-.215	-.197	.300
.350	-.166	-.210	-.239	-.236	-.244	-.239	-.223		.350
.400	-.166	-.202	-.239	-.249	-.255	-.251	-.234	-.207	.400
.450	-.165	-.202		-.249	-.255	-.251	-.232	-.221	.450
.500	-.164	-.202	-.244	-.242	-.254	-.251	-.238	-.229	.500
.650	-.171	-.209	-.235	-.234	-.236	-.244	-.253	-.243	.650
.800	-.184	-.228	-.210	-.242	-.239	-.229	-.253	-.267	.800
.950	-.185	-.237	-.213	-.242	-.239	-.239	-.244	-.249	.950
Lower surface									
.011	.328	.745	.833	.821	.891				.011
.020						.921	.935		.020
.050		.568	.654	.703	.756	.805	.856	.891	.050
.100		.477	.563	.611	.661	.713	.774	.778	.100
.150	.358	.444	.513	.545	.597	.653	.702	.685	.150
.200	.402	.401	.465	.506	.555		.638	.601	.200
.250	.392		.441	.471	.510	.564	.605	.530	.250
.300	.378		.421	.443	.472	.530	.571	.492	.300
.350	.365	.365	.386	.412	.446	.502	.541	.434	.350
.400	.337	.334	.353	.387	.418	.467	.514	.397	.400
.450	.329	.323	.339	.362	.390	.441	.488	.362	.450
.500	.314	.309	.323	.343	.367	.423	.457	.329	.500
.650	.261	.265	.268	.280	.296	.345	.392	.252	.650
.800	.251	.222	.224	.219	.252	.287	.321	.184	.800
.950	.236	.215	.191	.191	.219	.239	.257	.143	.950

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL DELTA CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^o$ $\beta = 0^o$									
Upper surface									
.011	.309	.302	-.047	-.001	.036				.011
.025							.088		.025
.050		.288	-.032	-.019	.024	.059	.075	.104	.050
.100	.209	.205	.002	-.030	.006	.049	.054	.090	.100
.150	.193	.153	.073	-.039		.038	.051	.071	.150
.200	.158	.111	.065	-.014	-.023	.018	.040	.054	.200
.250	.120	.082	.064	-.004	-.032	.006	.026		.250
.300	.095	.046	.044			-.014	.021	.027	.300
.350	.065	.041	.032	.028	-.027	-.025	.009	.019	.350
.400	.034	.015	.021	.025	-.024	-.038	-.002	.011	.400
.450	.009	.002	.009	.017	-.025	-.051	-.013	.001	.450
.500	-.004	-.006	.006	.004	-.025	-.064	-.020	-.006	.500
.650	-.039	-.044	-.032	-.031	-.033	-.078	-.052	-.025	.650
.800	-.041	-.070	-.062	-.065	-.049	-.089	-.085	-.043	.800
.950	-.057	-.071	-.084	-.088	-.182	-.070	-.065	-.049	.950
Lower surface									
.011	-.088	-.063	.200	.191	.177				.011
.020						.177	.169		.020
.050		-.075	.155	.200	.165	.158	.161	.177	.050
.100		-.084	.119	.184	.154	.147	.143		.100
.150	-.090	-.094	.089	.158	.152	.131	.125	.136	.150
.200	-.084	-.110	.076	.139	.142		.107	.108	.200
.250	-.056	-.103	.055	.122	.127	.106	.091	.079	.250
.300	-.047		-.009	.110	.111	.091	.083		.300
.350	-.034	-.112	-.047	.079	.093	.089	.068	.052	.350
.400	-.023	-.077	-.051	.038	.080	.089	.058	.042	.400
.450	-.020	-.016	-.051	.012	.064		.051	.028	.450
.500	.005	-.019	-.042	-.009	.047	.049	.035	.019	.500
.650	.000	-.027	-.051	-.036	-.023	.007	.010	-.007	.650
.800	-.043	-.051	-.026	-.063	-.055	-.027	-.013	-.024	.800
.950	-.076	-.072	-.035	-.058	-.076	-.063	-.035	-.033	.950
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	.120	.101	-.140	-.068	-.062				.011
.025							-.018		.025
.050	.105	.037	-.104	-.089	-.062	-.039	-.031	-.007	.050
.100	.094	-.002	-.053	-.100	-.070	-.058	-.040	-.018	.100
.150	.075	-.032	-.058	-.088		-.065	-.049	-.031	.150
.200	.064	-.049	-.064	-.079	-.082	-.065	-.062	-.032	.200
.250	.049	-.076	-.060	-.072	-.096	-.082	-.072		.250
.300	.036	-.094	-.060			-.105	-.081	-.044	.300
.350		-.105	-.060	-.044	-.094	-.109	-.092	-.045	.350
.400	-.005	-.108	-.076	-.046	-.091	-.119	-.102	-.051	.400
.450	-.034	-.108	-.075	-.053	-.094	-.123	-.102	-.058	.450
.500	-.060	-.109	-.083	-.060	-.094	-.132	-.116	-.062	.500
.650	-.089	-.110	-.100	-.077	-.096	-.146	-.140	-.073	.650
.800	-.089	-.110	-.124	-.114	-.105	-.123	-.151	-.101	.800
.950	-.089	-.120	-.139	-.129	-.192	-.126	-.130	-.111	.950
Lower surface									
.011	-.021	-.072	.422	.445	.342				.011
.020						.301	.294		.020
.050		-.051	.270	.370	.371	.267	.286	.295	.050
.100		-.026	.202	.293	.330	.266	.263		.100
.150	-.052	.010	.163	.233	.279	.249	.241	.244	.150
.200	-.041	.037	.134	.195	.242		.210	.197	.200
.250	-.030	.054	.117	.160	.208	.237	.199	.167	.250
.300	-.023		.103	.139	.176	.220	.197	.157	.300
.350	-.010	.054	.083	.111	.147	.202	.181	.111	.350
.400	.014	.042	.051	.094		.178	.178	.093	.400
.450	.037	.035	.048	.071	.106	.146	.170	.078	.450
.500	.045	.035	.033	.062	.087	.129	.157	.057	.500
.650	.034	.021	.013	.020	.041	.070	.108	.016	.650
.800	.009	-.009	.000	-.016	.001	.023	.059	-.003	.800
.950	-.015	-.019	-.020	-.027	-.024	-.010	.024	-.020	.950

[redacted]

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL DELTA CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 8^o$ $\beta = 0^o$									
Upper surface									
.011	.000	-.096	-.136	-.126	-.125				.011
.025							-.085		.025
.050	.008	-.084	-.147	-.145	-.130	-.118	-.095	-.118	.050
.100	-.011	-.082	-.142	-.151	-.138	-.135	-.106	-.125	.100
.150	-.037	-.095	-.138	-.156		-.139	-.115	-.125	.150
.200	-.048	-.106	-.136	-.156	-.162	-.139	-.125	-.116	.200
.250	-.065	-.112	-.128	-.150	-.168	-.151	-.135		.250
.300	-.080	-.118	-.117			-.162	-.143	-.106	.300
.350	-.083	-.117	-.117	-.145	-.173	-.168	-.153	-.100	.350
.400	-.091	-.125	-.124	-.156	-.175	-.175	-.158	-.096	.400
.450	-.087	-.130	-.124	-.161	-.164	-.180	-.157	-.105	.450
.500	-.103	-.130	-.137	-.161	-.175	-.182	-.174	-.112	.500
.650	-.122	-.141	-.147	-.141	-.171	-.195	-.190	-.136	.650
.800	-.148	-.161	-.155	-.164	-.183		-.189	-.167	.800
.950	-.141	-.166	-.168	-.170	-.206	-.175	-.180	-.184	.950
Lower surface									
.011	.040	.347	.525	.550	.585				.011
.020						.538	.512		.020
.050		.249	.390	.470	.502	.488	.492	.483	.050
.100		.212	.321	.395	.436	.450	.462		.100
.150	.070	.191	.272	.344	.384	.413	.429	.413	.150
.200	.091	.177	.228	.302	.345		.393	.348	.200
.250	.099	.165	.215	.270	.312	.350	.371	.307	.250
.300	.109		.198	.240	.276	.321	.350	.279	.300
.350	.109	.160	.172	.216	.252	.297	.317	.238	.350
.400	.109	.135	.149	.197	.223	.262	.305	.215	.400
.450	.109	.121	.144	.177	.205	.245	.285	.191	.450
.500	.119	.112	.123	.160	.177	.230	.262	.163	.500
.650	.102	.088	.088	.107	.123	.165	.206	.108	.650
.800	.091	.063	.056	.065	.085	.109	.150	.062	.800
.950	.065	.047	.047	.045	.051	.078	.108	.028	.950
$\alpha = 12^o$ $\beta = 0^o$									
Upper surface									
.011	-.038	-.176	-.183	-.172	-.176				.011
.025							-.171		.025
.050	-.066	-.182	-.190	-.186	-.171	-.164	-.173	-.178	.050
.100	-.090	-.164	-.196	-.186	-.180	-.184	-.176	-.183	.100
.150	-.112	-.176	-.197	-.195		-.190	-.187	-.184	.150
.200	-.110	-.160	-.196	-.195	-.199	-.185	-.195	-.179	.200
.250	-.121	-.163	-.195	-.195	-.206	-.203	-.203		.250
.300	-.132	-.159	-.192			-.214	-.206	-.180	.300
.350	-.128	-.166	-.192	-.195	-.214	-.216	-.210	-.171	.350
.400	-.130	-.166	-.197	-.210	-.216	-.219	-.216	-.179	.400
.450	-.122	-.167	-.184	-.209	-.208	-.223	-.206	-.196	.450
.500	-.138	-.166	-.185	-.210	-.221	-.230	-.223	-.202	.500
.650	-.149	-.171	-.168	-.197	-.204	-.235	-.233	-.208	.650
.800	-.172	-.190	-.182	-.217	-.212		-.229	-.236	.800
.950	-.168	-.200	-.192	-.200	-.217	-.221	-.225	-.231	.950
Lower surface									
.011	.120	.591	.693	.706	.776				.011
.020						.795	.809		.020
.050		.428	.535	.602	.647	.682	.722	.741	.050
.100		.350	.439	.514	.561	.598	.652		.100
.150	.194	.320	.400	.454	.502	.549	.594	.557	.150
.200	.218	.293	.340	.408	.460		.542	.482	.200
.250	.233	.285	.329	.373	.414		.505	.426	.250
.300	.233		.307	.347	.385	.431	.479	.396	.300
.350	.233	.254	.280	.319	.354	.405	.446	.343	.350
.400	.216	.226	.245	.303	.330	.372	.421	.312	.400
.450	.216	.215	.237	.278	.305	.350	.398	.281	.450
.500	.211	.203	.221	.260	.281	.330	.368	.246	.500
.650	.184	.174	.180	.204	.217	.260	.307	.180	.650
.800	.175	.138	.147	.146	.173	.210	.245	.123	.800
.950	.159	.132	.125	.125	.141	.167	.183	.079	.950

[redacted]

TABLE XIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL DELTA CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 15^o$			$\beta = 0^o$					
Upper surface									
.011	-.098	-.231	-.230	-.229	-.240				.011
.025							-.235		.025
.050	-.130	-.233	-.225	-.230	-.222	-.214	-.223	-.231	.050
.100	-.143	-.214	-.232	-.223	-.224	-.224	-.213	-.222	.100
.150	-.160	-.226	-.236	-.226		-.233	-.223	-.220	.150
.200	-.156	-.209	-.233	-.230	-.243	-.226	-.230	-.211	.200
.250	-.161	-.205	-.233	-.233	-.245	-.242	-.236		.250
.300	-.166	-.199	-.231			-.252	-.242	-.216	.300
.350	-.162	-.205	-.233	-.235	-.246	-.258	-.246	-.213	.350
.400	-.162	-.205	-.238	-.248	-.251	-.261	-.252	-.223	.400
.450	-.153	-.207		-.245	-.244	-.263	-.240	-.237	.450
.500	-.162	-.207	-.238	-.245	-.257	-.263	-.257	-.245	.500
.650	-.172	-.205	-.207	-.236	-.238	-.254	-.263	-.250	.650
.800	-.193	-.222	-.214	-.249	-.248	-.237	-.251	-.275	.800
.950	-.188	-.226	-.224	-.245	-.244	-.251	-.254	-.262	.950
Lower surface									
.011	.128	.699	.816	.813	.876				.011
.020						.904	.932		.020
.050		.529	.636	.697	.744	.788	.844	.872	.050
.100		.450	.542	.600	.643	.697	.760	.720	.100
.150	.263	.416	.487	.538	.579	.637	.690	.664	.150
.200	.318	.380	.428	.487	.531		.627	.578	.200
.250	.350	.368	.420	.452	.487	.543	.589	.510	.250
.300	.352		.397	.429	.457	.505	.561	.479	.300
.350	.340	.338	.359	.388	.427	.485	.527	.420	.350
.400	.320	.310	.326	.373	.399	.448	.496	.383	.400
.450	.312	.298	.316	.343	.371	.422	.470	.347	.450
.500	.302	.288	.296	.324	.347	.406	.442	.309	.500
.650	.252	.242	.246	.268	.289	.326	.375	.233	.650
.800	.239	.210	.207	.211	.237	.268	.303	.171	.800
.950	.213	.196	.189	.185	.202	.224	.242	.132	.950

[redacted]

TABLE XIV

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

HIGH-WING CONFIGURATION

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	α = 0°				β = 0°				
	Upper surface								
.011	.127	.106	.103	.107	.088				.011
.025							.113		.025
.050	.094	.091		.083	.083	.098	.101	.101	.050
.100	.045	.079	.094	.075	.071	.074	.089		.100
.150	.030	.059	.063	.066	.055	.062	.076	.065	.150
.200	.019	.030	.050	.055	.045	.052	.064	.050	.200
.250	.011	.018	.038		.037	.036	.049	.042	.250
.300	.000	.011	.023	.051	.033	.023	.042	.021	.300
.350	-.005	-.001	.009	.030	.018	.009	.025	.018	.350
.400	-.012	-.013	-.007	.011	.009	.000	.013	.008	.400
.450	-.002	-.020	-.013	-.001	.007	-.008	.015	-.002	.450
.500	-.017	-.025	-.023	-.014	-.007	-.018	-.007	-.007	.500
.650	-.027	-.036	-.043	-.037	-.027	-.039	-.033	-.023	.650
.800	-.055	-.059	-.059	-.075	-.065	-.051	-.068	-.044	.800
.950	-.065	-.076	-.066	-.071	-.081	-.063	-.065	-.056	.950
	Lower surface								
.011	.158	.106	.114	.102	.120				.011
.020						.145	.139		.020
.050		.109	.098	.100	.093	.111	.137	.125	.050
.100		.113	.091	.092	.085	.089	.127		.100
.150	.050	.092	.088	.074	.069	.067	.109	.090	.150
.200	.057	.056	.084	.064	.056		.083	.062	.200
.250	.051	.044	.070	.055	.037	.039	.070	.051	.250
.300	.040		.044	.057	.044	.036	.060		.300
.350	.020	.027	.025	.042	.034	.027	.032	.022	.350
.400	.005	.019	-.002	.034	.022	.016	.025	.019	.400
.450	.001	.002	.002	.014	.012	.013	.011	.009	.450
.500	-.008	-.011	-.019	.000	.008		.001	-.001	.500
.650	-.047	-.035	-.039	-.037	-.023	-.025	-.039	-.015	.650
.800	-.068	-.074	-.062	-.057	-.068	-.047	-.058	-.032	.800
.950	-.089	-.084	-.071	-.074	-.071	-.065	-.060	-.043	.950
	α = 2°				β = 0°				
	Upper surface								
.011	.049	.039	.037	.044	.026				.011
.025							.050		.025
.050	.039	.020		.021	.028	.038	.036	.038	.050
.100	-.001	.014	.034	.015	.014	.018	.026	.026	.100
.150	-.014	.001	-.001	.012	-.004	-.002	.017	.011	.150
.200	-.019	-.018	-.011	-.004	-.012	-.001	.005	.000	.200
.250	-.019	-.030	-.020	-.013	-.018	-.017	-.005	.000	.250
.300	-.026	-.030	-.026	-.007	-.020	-.034	-.014	-.017	.300
.350	-.032	-.041	-.037	-.027	-.037	-.046	-.028	-.019	.350
.400		-.050	-.051	-.043	-.046	-.057	-.040	-.025	.400
.450	-.034	-.056	-.056	-.052	-.043	-.064	-.040	-.032	.450
.500	-.050	-.058	-.062	-.059	-.059	-.070	-.057	-.040	.500
.650	-.063	-.069	-.073	-.079	-.073	-.089	-.083	-.050	.650
.800	-.090	-.094	-.094	-.107	-.113	-.097	-.116	-.069	.800
.950	-.098	-.103	-.082	-.081	-.092	-.089	-.090	-.071	.950
	Lower surface								
.011	.308	.172	.182	.163	.175				.011
.020						.198	.196		.020
.050		.189	.166	.167	.157	.169	.197	.184	.050
.100		.199	.154	.152	.143	.143	.185		.100
.150	.105	.150	.166	.131	.127	.125	.163	.145	.150
.200	.110	.112	.154	.127	.117		.136	.108	.200
.250	.100	.100	.126	.122	.097	.086	.120	.094	.250
.300	.086		.103	.124	.104	.089	.107		.300
.350	.072	.077	.080		.094	.078	.079	.057	.350
.400	.051	.061	.058	.080	.087	.059	.069	.047	.400
.450	.044	.040	.052	.054	.076	.062	.054	.033	.450
.500	.033	.030	.030	.049	.057		.043	.021	.500
.650	-.012	-.002	-.006	.010	.022	.027	.009	-.003	.650
.800	-.035	-.044	-.037	-.024	-.020	.000	-.010	-.030	.800
.950	-.063	-.063	-.057	-.052	-.043	-.028	-.034	-.045	.950

[redacted]

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TABLE XIV

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

HIGH-WING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 4^\circ$			$\beta = 0^\circ$					
Upper surface									
.011	-.001	-.013	-.011	.001	-.013				.011
.025							.007		.025
.050	-.001	-.025	-.025	-.020	-.011	-.001	-.004	.000	.050
.100	-.034	-.032		-.020	-.020	-.027	-.011	-.008	.100
.150	-.041	-.043	-.044	-.025	-.041	-.032	-.020	-.025	.150
.200	-.040	-.049	-.052		-.049	-.036	-.033	-.030	.200
.250	-.039	-.062	-.059	-.049	-.056	-.053	-.043	-.025	.250
.300	-.046	-.058	-.065	-.039	-.056	-.070	-.051	-.037	.300
.350	-.053	-.066	-.072	-.063	-.070	-.079	-.063	-.037	.350
.400	-.060	-.073	-.079	-.081	-.079	-.088	-.071	-.044	.400
.450		-.075	-.079	-.086	-.077	-.097	-.069	-.053	.450
.500	-.070	-.078	-.089	-.092	-.094	-.104	-.086	-.056	.500
.650	-.084	-.088	-.095	-.104	-.098	-.121	-.107	-.065	.650
.800	-.110	-.114	-.109	-.124	-.127	-.120	-.139	-.086	.800
.950	-.114	-.123	-.099	-.102	-.113	-.113	-.114	-.096	.950
Lower surface									
.011	.435	.253	.256	.241	.243				.011
.020						.253	.267		.020
.050		.295	.243	.232	.219	.225	.270	.255	.050
.100	.150	.263	.247	.219	.211	.200	.256		.100
.150	.157	.206	.243		.191	.183	.231	.220	.150
.200	.165	.171	.211	.208	.181		.195	.169	.200
.250	.157	.161	.183	.190	.172	.146	.172	.150	.250
.300	.146		.157	.178	.175	.148	.163	.133	.300
.350	.127	.127	.136	.143	.162	.141	.125	.098	.350
.400	.104	.108	.112	.126	.143	.127	.120	.089	.400
.450	.092	.091	.104	.105	.123	.128	.109	.072	.450
.500	.080	.078	.076	.096	.106		.101	.050	.500
.650	.030	.041	.040	.050	.066	.086	.061	.010	.650
.800	-.006	-.009	.010	.010	.019	.044	.041	-.020	.800
.950	-.033	-.028	-.024	-.022	-.010	.015	.027	-.041	.950
	$\alpha = 6^\circ$			$\beta = 0^\circ$					
Upper surface									
.011	-.050	-.064	-.059	-.051	-.059				.011
.025							-.038		.025
.050	-.052	-.075	-.073	-.066	-.062	-.049	-.049	-.044	.050
.100	-.072	-.082		-.073	-.072	-.071	-.057	-.056	.100
.150	-.069	-.092	-.090	-.071	-.085	-.081	-.064	-.065	.150
.200	-.066	-.092	-.100		-.094	-.078	-.076	-.063	.200
.250	-.064	-.096	-.104		-.102	-.097	-.083	-.056	.250
.300	-.069	-.090	-.109	-.082	-.098	-.109	-.090	-.064	.300
.350	-.066	-.097	-.114	-.104	-.114	-.116	-.102	-.064	.350
.400	-.082	-.100	-.120	-.121		-.126	-.111	-.070	.400
.450		-.102	-.113	-.128	-.114	-.133	-.105	-.078	.450
.500	-.089	-.104	-.121	-.133	-.133	-.137	-.124	-.083	.500
.650	-.104	-.111	-.123	-.135	-.140	-.155	-.145	-.097	.650
.800	-.132	-.139	-.135	-.139	-.137	-.137	-.165	-.124	.800
.950	-.139	-.154	-.126	-.133	-.135	-.137	-.143	-.137	.950
Lower surface									
.011	.529	.364	.357	.318	.328				.011
.020						.344	.361		.020
.050		.397	.340	.321	.307	.297	.350	.340	.050
.100	.200	.319	.343	.312	.295	.274	.325		.100
.150	.214	.272	.305	.302	.279	.262	.296	.294	.150
.200	.224	.231	.267	.283	.279		.260	.241	.200
.250	.234	.219	.240	.253	.269	.231	.240	.209	.250
.300	.217		.216	.231	.246	.220	.226	.196	.300
.350	.196	.184	.193	.204	.226	.221	.200	.149	.350
.400	.168	.164	.166	.183	.195	.206	.193	.133	.400
.450	.154	.145	.152	.164	.172	.203	.179	.113	.450
.500	.140	.132	.131	.148	.156		.170	.087	.500
.650	.082	.080	.080	.101	.112	.135	.132	.040	.650
.800	.041	.035	.048	.056	.064	.087	.107	.005	.800
.950	.007	.009	.015	.022	.031	.050	.070	-.019	.950

TABLE XIV

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

HIGH-WING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	α = 8° β = 0°								
	Upper surface								
.011	-.089	-.109	-.101	-.084	-.092				.011
.025							-.068		.025
.050	-.095	-.118	-.111	-.104	-.090	-.079	-.077	-.072	.050
.100	-.102	-.116		-.103	-.102	-.099	-.082	-.079	.100
.150	-.099	-.128	-.130	-.104	-.118	-.109	-.092	-.088	.150
.200	-.095	-.128	-.135	-.118	-.126	-.102	-.097	-.078	.200
.250	-.078	-.126	-.140	-.123	-.133	-.123	-.105		.250
.300	-.083	-.118	-.144		-.126	-.136	-.116	-.086	.300
.350	-.085	-.123	-.146	-.135	-.144	-.143	-.124	-.079	.350
.400	-.097	-.127	-.147	-.155	-.147	-.150	-.135	-.083	.400
.450	-.095	-.128	-.140	-.156	-.140	-.154		-.092	.450
.500	-.108	-.123	-.144	-.161			-.146	-.102	.500
.650	-.124	-.126	-.147	-.159			-.165	-.115	.650
.800	-.152	-.156	-.158	-.156	-.154	-.150	-.178	-.146	.800
.950	-.156	-.171	-.144	-.150	-.154	-.155	-.158	-.155	.950
	Lower surface								
.011	.630	.532	.474	.416	.423				.011
.020						.429	.461		.020
.050		.458	.459	.434	.397	.383	.444	.453	.050
.100	.238	.384	.410	.410	.397	.367	.405		.100
.150	.250	.330	.365	.372	.369	.355	.374	.374	.150
.200	.284	.283	.325	.335	.351		.333	.310	.200
.250	.297	.271	.294	.304	.318	.317	.311	.275	.250
.300	.287		.257	.278	.299	.306	.305		.300
.350	.264	.232	.236	.239	.269	.289	.277	.199	.350
.400	.229	.220	.213	.228	.248		.270	.179	.400
.450	.206	.196	.204	.206	.218	.261	.257	.154	.450
.500	.190	.182	.179	.195	.203		.247	.123	.500
.650	.123	.136	.132	.139	.160	.182	.192	.079	.650
.800	.085	.077	.093	.097	.104	.130	.160	.047	.800
.950	.036	.041	.049	.055	.065	.094	.113	.012	.950
	α = 12° β = 0°								
	Upper surface								
.011	-.148	-.167	-.160	-.136	-.147				.011
.025							-.129		.025
.050	-.143	-.177	-.170	-.164	-.145	-.133	-.135	-.134	.050
.100	-.143	-.167		-.155	-.149	-.157	-.133	-.136	.100
.150	-.129	-.181	-.181		-.174	-.161	-.147	-.140	.150
.200	-.113	-.177	-.186	-.168	-.178	-.153	-.155	-.133	.200
.250	-.103	-.177	-.191	-.170	-.187	-.175	-.162		.250
.300	-.113	-.162	-.190		-.178	-.183	-.170	-.136	.300
.350	-.117	-.174	-.187	-.178	-.190	-.191	-.175	-.127	.350
.400	-.132	-.162	-.192	-.202	-.193	-.198	-.186	-.138	.400
.450	-.122	-.142	-.175	-.199	-.181	-.199		-.154	.450
.500	-.145	-.141	-.191	-.202		-.204	-.191	-.159	.500
.650	-.152	-.153	-.185	-.189		-.213	-.206	-.168	.650
.800	-.181	-.173	-.185	-.197	-.192	-.179	-.215	-.206	.800
.950	-.184	-.193	-.168	-.191	-.199	-.197	-.199	-.199	.950
	Lower surface								
.011	.778	.759	.765	.722	.760				.011
.020						.756	.761		.020
.050		.592	.616	.631	.646	.662	.703	.728	.050
.100	.332	.503	.543	.556	.578	.591	.635		.100
.150		.449	.484	.499	.521		.583	.565	.150
.200	.403	.401	.442	.459	.485		.526	.479	.200
.250	.417	.384	.407	.426	.448	.472	.491	.428	.250
.300	.420		.375	.398	.416	.437	.477	.388	.300
.350	.382	.337	.345	.364	.388	.421	.430	.339	.350
.400	.343	.324	.312	.342	.360	.389	.420	.304	.400
.450	.310	.298	.301	.310	.328	.372	.394	.281	.450
.500	.289	.277	.275	.297	.307		.373	.241	.500
.650	.216	.233	.220	.244	.247	.277	.303	.169	.650
.800	.173	.159	.177	.185	.199	.224	.253	.120	.800
.950	.131	.128	.139	.143	.160	.190	.204	.080	.950

[redacted]

TABLE XIV

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

HIGH-WING CONFIGURATION - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 15^\circ$ $\beta = 0^\circ$								
Upper surface									
.011	-.203	-.221	-.217	-.190	-.203				.011
.025							-.193		.025
.050	-.184	-.227	-.217	-.209	-.186	-.174	-.186	-.186	.050
.100	-.163	-.215		-.201	-.193	-.193	-.178	-.179	.100
.150	-.163	-.224	-.229		-.214	-.202	-.190	-.182	.150
.200	-.155	-.222	-.234	-.208	-.221		-.196	-.173	.200
.250		-.222	-.234	-.214	-.224	-.211	-.204	-.158	.250
.300	-.172	-.203	-.229		-.211	-.220	-.206		.300
.350	-.166	-.191	-.228	-.217	-.230	-.224	-.214	-.167	.350
.400	-.172	-.180	-.230	-.237	-.231	-.230		-.177	.400
.450	-.158	-.173	-.215	-.235	-.223	-.235	-.205	-.197	.450
.500	-.184	-.177	-.229	-.233			-.225	-.204	.500
.650	-.191	-.189	-.221	-.216	-.214		-.238	-.215	.650
.800	-.224	-.214	-.206	-.231	-.229	-.208	-.236		.800
.950	-.220	-.229	-.201	-.230	-.233	-.231	-.229	-.230	.950
Lower surface									
.011	.730	.860	.905	.866	.921				.011
.020						.935	.936		.020
.050		.664	.718	.749	.776	.805	.854	.894	.050
.100	.384	.588	.630	.660	.684	.728	.770		.100
.150	.350	.539	.578	.593	.625	.663	.707	.686	.150
.200	.348	.475	.524	.548	.586		.644	.594	.200
.250	.440	.429	.488	.512	.541	.569	.599	.530	.250
.300	.471		.449	.475	.506	.537	.579	.487	.300
.350	.454	.396	.407	.441	.462	.506	.537	.432	.350
.400	.414	.379	.382	.415	.440	.477	.513	.392	.400
.450	.375	.365	.368	.386	.411	.455	.483	.357	.450
.500	.363	.340	.344	.370	.378		.457	.320	.500
.650	.279	.291	.291	.306	.321	.350	.384	.243	.650
.800	.215	.216	.239	.239	.261	.295	.320	.179	.800
.950	.188	.188	.195	.203	.216	.243	.258	.131	.950

TABLE XV

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING CONFIGURATION

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^\circ$ $\beta = 0^\circ$								
	Upper surface								
.011	.153	.106	.118	.099	.120				.011
.020						.134	.131		.020
.050		.103	.100	.101	.087	.099	.135	.122	.050
.100		.114	.086	.085	.084		.124		.100
.150	.047	.084	.086	.071	.066	.065	.110	.090	.150
.200	.057	.045	.079	.064	.072		.082	.059	.200
.250	.049	.036	.069	.052	.040	.034	.064	.049	.250
.300	.040		.045	.055	.043	.029	.056		.300
.350	.021	.029	.021	.038	.034	.027	.030	.022	.350
.400	.002	.016	.002	.031	.021	.012	.017	.019	.400
.450	-.002	.000	.002	.009	.013	.008	.007	.009	.450
.500	-.009	-.012	-.021	-.002	.001		-.002	.002	.500
.650	-.052	-.041	-.043	-.037	-.024	-.027	-.044	-.015	.650
.800	-.065	-.079	-.066	-.059	-.064	-.047	-.059	-.030	.800
.950	-.090	-.087	-.071	-.071	-.073	-.065	-.059	-.047	.950
	Lower surface								
.011	.120	.103	.102	.108	.088				.011
.025							.108		.025
.050	.090	.084		.087	.085	.101	.095	.097	.050
.100	.046	.077	.093	.075	.077	.075	.084	.083	.100
.150	.025	.056	.059	.070	.057	.063	.074	.068	.150
.200	.015	.030	.050	.058	.049	.056	.060	.049	.200
.250	.008	.014	.040	.050	.044	.040	.047	.037	.250
.300	.000	.008	.023	.053	.036	.019	.037	.018	.300
.350	-.006	-.001	.007	.031	.020	.008	.023	.018	.350
.400	-.013	-.014	-.008	.013	.011	-.004	.012	.004	.400
.450	-.006	-.023	-.013	.002	.015	-.011	.011	-.002	.450
.500	-.017	-.028	-.024		-.004	-.019	-.005	-.008	.500
.650	-.030	-.037	-.042	-.038	-.026	-.044	-.037	-.023	.650
.800	-.059	-.060	-.057	-.070	-.065	-.051	-.066	-.043	.800
.950	-.066	-.082	-.065	-.070	-.076	-.065	-.068	-.055	.950
	$\alpha = 2^\circ$ $\beta = 0^\circ$								
	Upper surface								
.011	.084	.043	.045	.031	.041				.011
.020						.072	.064		.020
.050		.024	.037	.033	.024	.048	.071	.066	.050
.100	-.024	.050	.027	.022	.016	.030	.063		.100
.150	-.020	.037	.016	.006	-.003	.012	.054	.035	.150
.200	-.015	-.001	.016	-.005	-.013		.022	.008	.200
.250	-.027	-.031	.017	-.020	-.017	-.026	.009	.002	.250
.300	-.024		-.001	-.016	-.017	-.026	.003		.300
.350	-.041	-.036	-.028	-.030	-.029	-.034	-.027	-.015	.350
.400	-.055	-.045		-.027	-.038	-.048	-.038	-.017	.400
.450	-.048	-.064	-.052		-.051	-.042	-.048	-.022	.450
.500	-.055	-.064	-.083	-.052	-.066		-.049	-.033	.500
.650	-.085	-.079	-.091	-.096	-.075	-.082	-.090	-.045	.650
.800	-.097	-.113	-.104	-.115	-.111	-.106	-.108	-.055	.800
.950	-.115	-.104	-.093	-.096	-.097	-.086	-.070	-.071	.950
	Lower surface								
.011	.183	.180	.173	.173	.147				.011
.025							.178		.025
.050	.152	.161	.153	.149	.149	.161	.166	.168	.050
.100	.090	.143	.159	.140	.132	.130	.154	.149	.100
.150	.070	.114	.128	.130	.115	.117	.141	.123	.150
.200	.056	.074	.109	.116	.102	.107	.126	.101	.200
.250	.047	.060	.091	.109	.096	.091	.109	.088	.250
.300	.036	.047	.068		.088	.078	.100	.068	.300
.350	.028	.036	.050	.081	.076	.069	.081	.060	.350
.400	.021	.024	.036	.055	.066	.059	.069	.050	.400
.450		.014	.026	.038	.062	.053	.071	.032	.450
.500	.017	.009	.013	.020	.043	.041	.050	.024	.500
.650	.006	.000	-.009	-.007	.011	.017	.019	-.002	.650
.800	-.024	-.031	-.026	-.043	-.032	-.001	-.014	-.030	.800
.950	-.036	-.059	-.046	-.064	-.064	-.047	-.040	-.040	.950

TABLE XV

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

LOW-WING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			α = 4°		β = 0°				
				Upper surface					
.011	.006	-.019	-.005	-.020	-.001				.011
.020						.029	.019		.020
.050		-.033	-.015	-.015	-.022	.009	.028	.023	.050
.100	-.083	-.015	-.035	-.024	-.022	-.008	.016		.100
.150	-.077	-.014	-.036	-.040	-.041	-.027	.008	-.002	.150
.200	-.075	-.048	-.044	-.048	-.050		-.017	-.021	.200
.250	-.086	-.072	-.037	-.066	-.059	-.066	-.028	-.019	.250
.300	-.077		-.049	-.063	-.061	-.066	-.030		.300
.350	-.091	-.089	-.068		-.072	-.066	-.058	-.041	.350
.400	-.101	-.090	-.100	-.073	-.085	-.087	-.065	-.037	.400
.450	-.084	-.105	-.097	-.094	-.097	-.078	-.078	-.042	.450
.500	-.094	-.106	-.124	-.086	-.103		-.079	-.051	.500
.650	-.117	-.114	-.131	-.134	-.113	-.114	-.122	-.069	.650
.800	-.119	-.140	-.131	-.145	-.143	-.139	-.138	-.075	.800
.950	-.134	-.128	-.119	-.122	-.129	-.111	-.105	-.104	.950
				Lower surface					
.011	.248	.251	.248	.241	.216				.011
.025							.237		.025
.050	.187	.231	.222	.215	.211	.226	.225	.223	.050
.100	.126	.197	.219	.203	.197	.192	.211	.204	.100
.150	.105	.153	.187	.197	.179	.178	.199	.178	.150
.200	.087	.115	.160	.179	.169	.169	.183	.151	.200
.250	.078	.098	.134	.167	.154	.151	.164	.133	.250
.300	.066	.087	.108	.153	.151	.134	.152		.300
.350	.062	.069	.089	.122	.134	.123	.128	.092	.350
.400	.050	.058	.071	.098	.119	.110	.114	.076	.400
.450		.045	.058	.078	.105	.102	.113	.059	.450
.500	.050	.039	.046	.063		.091	.092	.047	.500
.650	.034	.030	.023	.023	.046	.063	.065	.017	.650
.800	.002	-.009	.005	-.011	.001	.030	.024	-.023	.800
.950	-.008	-.034	-.014	-.032	-.037	-.017	-.005	-.043	.950
			α = 6°		β = 0°				
				Upper surface					
.011	-.058	-.072	-.067	-.064	-.046				.011
.020						-.013	-.027		.020
.050		-.088	-.065	-.062	-.063	-.040	-.013	-.021	.050
.100	-.132	-.079	-.077	-.069	-.067	-.048	-.023	-.057	.100
.150	-.135	-.074	-.088	-.085	-.089	-.062	-.032	-.037	.150
.200	-.135	-.093	-.097	-.093	-.098		-.061	-.056	.200
.250	-.147	-.114	-.096		-.102		-.075	-.044	.250
.300	-.135		-.100	-.106	-.104	-.100		-.037	.300
.350	-.153	-.145	-.112		-.112	-.109	-.097	-.067	.350
.400	-.152	-.144	-.139	-.123	-.123	-.120	-.100	-.063	.400
.450	-.124	-.160	-.139	-.144	-.139	-.113	-.109	-.070	.450
.500	-.134	-.156	-.167	-.132	-.148		-.109	-.085	.500
.650	-.140	-.147	-.174	-.174	-.155	-.153	-.146	-.097	.650
.800	-.137	-.162	-.161	-.169	-.179	-.168	-.169	-.111	.800
.950	-.140	-.146	-.148	-.160	-.159	-.137	-.127	-.139	.950
				Lower surface					
.011	.338	.358	.342	.342	.306				.011
.025							.322		.025
.050	.234	.322	.319	.307	.303	.318	.307	.303	.050
.100	.174	.253	.300	.299	.292	.281	.292	.282	.100
.150	.146	.205	.250	.285	.268	.265	.276	.250	.150
.200	.129	.167	.210	.253	.257	.257	.255	.217	.200
.250	.120	.146	.186	.233	.242	.233	.236	.199	.250
.300	.102	.132	.159	.216	.227	.211	.221		.300
.350	.101	.113	.136	.180	.202	.199	.199	.151	.350
.400	.087	.098	.117	.149	.174	.184	.185	.129	.400
.450		.087	.108	.135	.164	.171		.108	.450
.500	.087	.081	.094	.116	.139	.158	.164	.091	.500
.650	.077	.074	.070	.077	.096	.113	.135	.055	.650
.800	.044	.032	.053	.033	.052	.079	.085	.006	.800
.950	.036	.008	.028	.012	.012	.026	.045	-.011	.950

[redacted]

TABLE XV

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

LOW-WING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^{\circ}$				$\beta = 0^{\circ}$				
	Upper surface								
.011	-.108	-.119	-.106	-.104	-.085				.011
.020						-.055	-.073		.020
.050		-.134	-.113	-.103	-.111	-.083	-.054	-.056	.050
.100	-.173	-.135	-.125	-.114	-.110	-.087	-.064	-.068	.100
.150	-.184	-.129	-.134	-.125	-.127	-.104	-.070	-.069	.150
.200	-.191	-.143	-.143	-.135	-.139		-.099		.200
.250	-.196	-.160	-.148	-.155	-.148	-.143	-.112	-.065	.250
.300			-.155		-.148	-.138	-.110	-.063	.300
.350	-.199	-.190	-.160	-.176	-.154	-.141	-.128		.350
.400	-.197	-.195	-.178	-.169	-.162		-.134		.400
.450		-.202	-.180	-.183	-.177	-.143	-.146	-.094	.450
.500	-.170	-.199	-.195	-.181	-.185		-.141	-.115	.500
.650	-.162	-.183	-.206	-.203	-.192	-.181	-.173	-.139	.650
.800	-.159	-.182	-.185	-.194	-.211	-.196	-.190	-.155	.800
.950	-.140	-.164	-.184	-.192	-.192	-.164	-.154	-.175	.950
	Lower surface								
.011	.403	.477	.475	.458	.411				.011
.025							.426		.025
.050	.285	.390	.422	.419	.410	.410	.409	.395	.050
.100	.222	.309	.366	.387	.391	.370	.383	.371	.100
.150	.190	.261	.305	.349	.356	.358	.363	.338	.150
.200	.175	.218	.267	.313	.330	.350	.336	.295	.200
.250	.161	.194	.235		.306	.324	.319	.277	.250
.300	.148	.183	.205		.280	.292	.304	.231	.300
.350	.143	.164	.187	.230	.251	.269	.283	.212	.350
.400	.129	.139	.167	.197	.221	.248	.267	.190	.400
.450		.129	.158	.175		.228	.267	.164	.450
.500	.134	.128	.140	.160	.183	.206	.236	.145	.500
.650	.121	.121	.116	.126	.147	.153	.193	.101	.650
.800	.079	.075	.097	.081	.085	.123	.135	.053	.800
.950	.079	.050	.069	.047	.047	.062	.089	.027	.950
	$\alpha = 12^{\circ}$				$\beta = 0^{\circ}$				
	Upper surface								
.011	-.168	-.172	-.163	-.168	-.150				.011
.020						-.134	-.142		.020
.050		-.184	-.177	-.163	-.160	-.137	-.126	-.122	.050
.100	-.212	-.201	-.186	-.172	-.166	-.146	-.129		.100
.150	-.231	-.199	-.198	-.184	-.176	-.158	-.139	-.128	.150
.200	-.242	-.208	-.205	-.194	-.182		-.154	-.135	.200
.250		-.221	-.211	-.194	-.197	-.184	-.160	-.130	.250
.300	-.249		-.221	-.204		-.186	-.166		.300
.350	-.238	-.240	-.224	-.207	-.201	-.193	-.166	-.140	.350
.400	-.238	-.249	-.218	-.218	-.208	-.204	-.177	-.146	.400
.450		-.235		-.215	-.207	-.199	-.183	-.158	.450
.500	-.213	-.231	-.219	-.231	-.214		-.193	-.166	.500
.650	-.191		-.232	-.232	-.232	-.226	-.205	-.190	.650
.800	-.190	-.211	-.234	-.233	-.229	-.228	-.220	-.219	.800
.950	-.142	-.197	-.224	-.220	-.220	-.212	-.203	-.200	.950
	Lower surface								
.011	.507	.649	.707	.726	.709				.011
.025							.747		.025
.050	.367	.507	.570	.603	.624	.655	.683	.702	.050
.100	.302	.411	.482	.513	.546	.577	.603	.630	.100
.150	.272	.359	.413	.463	.491	.534		.553	.150
.200	.252	.315	.369	.413	.446	.497	.525	.484	.200
.250	.240	.281	.337	.382	.412	.458	.485	.438	.250
.300	.229	.257	.301	.356	.385	.419	.463	.378	.300
.350	.221		.284	.322	.352	.390	.430	.345	.350
.400	.211	.224	.259	.290	.321	.362		.310	.400
.450		.214	.249	.274		.341	.390	.276	.450
.500	.214	.221	.225	.251	.278	.321	.361	.252	.500
.650	.199	.200	.205	.205	.229	.258	.304	.188	.650
.800	.165	.153	.167	.161	.175	.211	.232	.121	.800
.950	.154	.128	.136	.128	.139	.143	.173	.085	.950

[redacted]

TABLE XV

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

LOW-WING CONFIGURATION - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 15^\circ$			$\beta = 0^\circ$					
Upper surface									
.011	-.192	-.177	-.177	-.203	-.197				.011
.020						-.185			.020
.050		-.184	-.193	-.189	-.171	-.154			.050
.100		-.206	-.202	-.197	-.195	-.176			.100
.150	-.228	-.211	-.206	-.209	-.188	-.185			.150
.200	-.240	-.218	-.214	-.214	-.190				.200
.250		-.226	-.221	-.203	-.211	-.184			.250
.300	-.247		-.228		-.213	-.206			.300
.350	-.228	-.240	-.231	-.212	-.220	-.211			.350
.400	-.226	-.245	-.213	-.233	-.226	-.219			.400
.450		-.219		-.216	-.213				.450
.500	-.207	-.219	-.207		-.212				.500
.650	-.195		-.221	-.230	-.247				.650
.800	-.205	-.209	-.234	-.246	-.230				.800
.950	-.161	-.206	-.223	-.223	-.223				.950
Lower surface									
.011	.565	.742	.817	.851	.853				.011
.025							.917		.025
.050	.418	.582	.660	.705	.743	.785	.837	.879	.050
.100	.362	.471	.544	.593	.639	.691	.731	.770	.100
.150	.321	.423	.485	.533	.583	.637	.682	.670	.150
.200	.298	.379	.440	.486	.535	.584	.626	.586	.200
.250	.286	.350	.408	.450	.488	.546	.583	.518	.250
.300	.286	.312	.378	.422	.458	.503	.550	.458	.300
.350		.319	.352	.392	.427	.467	.508	.410	.350
.400	.286	.290	.326	.363	.397	.441	.481	.372	.400
.450	.290	.286		.340	.372	.416	.458	.341	.450
.500	.281		.294	.319	.353	.389	.434	.313	.500
.650	.248	.262	.266	.261	.289	.311	.370	.230	.650
.800	.225	.209	.222	.226	.247	.251	.293	.164	.800
.950	.202	.184	.187	.187	.204	.197	.218	.117	.950

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING, SMALL TRAPEZOIDAL CANARD CONFIGURATION

(a) $\delta_c = 0^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^o$				$\beta = 0^o$				
Upper surface									
.011	.108	.102	.094	.090	.082				.011
.025							.111		.025
.050	.089	.084	.073	.079	.071	.085	.097	.102	.050
.100	.037	.071		.064	.057	.065	.081	.088	.100
.150	.023	.057	.056	.053	.047	.052	.073	.068	.150
.200	.015	.026	.043	.045	.041	.040	.060	.052	.200
.250	.011	.012	.034	.037	.032	.028	.047	.040	.250
.300	.005	.005	.020	.034	.030	.012	.038	.028	.300
.350	.001	-.002	.006	.020	.018	.004	.021	.020	.350
.400	-.009	-.015	-.011	.009	.005	-.007	.008	.009	.400
.450	-.007	-.020	-.025	-.005	-.004	-.015	-.002	.002	.450
.500	-.018	-.025	-.026	-.014	-.014	-.024	-.014	-.007	.500
.650	-.034	-.045	-.051	-.056	-.039	-.047	-.045	-.025	.650
.800	-.058	-.066	-.069	-.076	-.070	-.073	-.076	-.040	.800
.950	-.072	-.082	-.068	-.066	-.076	-.062	-.064	-.054	.950
Lower surface									
.011	.185	.115	.122	.100	.113				.011
.020						.139	.149		.020
.050		.106	.104	.107	.097	.117	.146	.143	.050
.100	.043	.132	.092	.093	.083	.096	.134		.100
.150	.048	.094		.079	.073	.078	.119	.111	.150
.200	.049	.050	.090	.070	.065		.099	.086	.200
.250	.045	.045	.082	.065	.052	.049	.080	.063	.250
.300	.033		.050	.068	.047	.035	.068		.300
.350	.023	.020	.034	.054	.037	.027	.051	.035	.350
.400	.006	.013	.015	.040	.030	.014	.037	.028	.400
.450	-.002	.006	.005	.026	.026	.014	.023	.016	.450
.500	-.005	-.005	-.003	.005	.020		.008	.009	.500
.650	-.038	-.038	-.031	-.024	-.014	-.016	-.024	-.007	.650
.800	-.057	-.065	-.061	-.061	-.056	-.038	-.051	-.030	.800
.950	-.084	-.080	-.069	-.073	-.076	-.055	-.062	-.045	.950
	$\alpha = 2^o$				$\beta = 0^o$				
Upper surface									
.011	.065	.048	.010	.021	.010				.011
.025							.044		.025
.050	.056	.031	-.014	.006	.007	.018	.030	.037	.050
.100		.017		-.002	-.006	.002	.014	.019	.100
.150	-.006	.005	-.020	-.014	-.018	-.008	.004	.007	.150
.200	-.012	-.018	-.021	-.023	-.023	-.015	-.008	-.002	.200
.250	-.017	-.036	-.026	-.029	-.032	-.027	-.017		.250
.300	-.026	-.042	-.033	-.020	-.036	-.052	-.026	-.019	.300
.350	-.033	-.046	-.044	-.037	-.049	-.063	-.040	-.024	.350
.400	-.043	-.059	-.056	-.051	-.057	-.071	-.052	-.029	.400
.450	-.040	-.064	-.065	-.053	-.061	-.076	-.053	-.040	.450
.500	-.056	-.067	-.067	-.064	-.073	-.086	-.068	-.040	.500
.650	-.073	-.082	-.083	-.088	-.077	-.105	-.095	-.059	.650
.800	-.095	-.106	-.101	-.113	-.108	-.116	-.126	-.078	.800
.950	-.108	-.103	-.087	-.086	-.094	-.094	-.100	-.078	.950
Lower surface									
.011	.231	.131	.200	.168	.170				.011
.020						.188	.203		.020
.050		.124	.174	.175	.158	.161	.196	.195	.050
.100	.057		.148	.161	.141	.141	.185		.100
.150	.063		.144	.138	.129	.122	.166	.159	.150
.200	.061	.078		.122	.115		.139	.119	.200
.250	.051	.063	.120	.122	.103	.089	.119	.098	.250
.300	.042		.088	.124	.098	.082	.104		.300
.350	.034	.041	.060	.096	.089	.076	.084	.061	.350
.400	.025	.034	.040	.071	.083	.062	.068	.051	.400
.450	.018	.022	.035	.048	.072	.065	.057	.035	.450
.500	.018	.009	.015	.033	.057		.044	.020	.500
.650	-.018	-.025	-.018	-.009	.009	.025	.002	-.007	.650
.800	-.046	-.050	-.043	-.043	-.036	.000	-.014	-.035	.800
.950	-.067	-.071	-.063	-.061	-.060	-.033	-.036	-.054	.950

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 4^o$				$\beta = 0^o$				
	Upper surface								
.011	.056	.008	-.058	-.023	-.025				.011
.025							.002		.025
.050	.051	-.023	-.077	-.041	-.030	-.018	-.008	.004	.050
.100		-.019		-.046	-.043	-.032	-.019	-.008	.100
.150	.006	-.028	-.079	-.058	-.057	-.039	-.027	-.023	.150
.200	.001	-.039	-.072	-.066	-.063	-.044	-.038	-.023	.200
.250	-.020	-.052	-.068	-.068	-.070	-.058	-.051	-.023	.250
.300	-.039	-.062	-.069	-.060	-.070	-.079	-.059	-.032	.300
.350	-.045	-.064	-.076	-.078	-.084	-.086	-.070	-.036	.350
.400	-.056	-.073	-.077	-.086	-.095	-.096	-.084	-.044	.400
.450	-.053	-.077	-.081	-.086	-.091	-.105	-.081	-.051	.450
.500	-.064	-.079	-.081	-.091	-.103	-.113	-.098	-.053	.500
.650	-.075	-.092	-.092	-.103	-.101	-.132	-.117	-.064	.650
.800	-.104	-.115	-.108	-.121	-.120	-.128	-.142	-.086	.800
.950	-.118	-.128	-.113	-.108	-.113	-.117	-.120	-.101	.950
	Lower surface								
.011	.282	-.024	.407	.279	.272				.011
.020						.267	.291		.020
.050		.106	.304	.307	.249	.237	.286	.280	.050
.100	.083	.184	.241	.276	.249	.223	.262		.100
.150	.071	.195	.239	.228	.238	.202	.237	.234	.150
.200	.052	.143	.212	.213	.223		.204	.192	.200
.250	.052	.119	.174	.202	.193	.177	.188	.162	.250
.300	.052		.141	.178	.183	.176	.176		.300
.350	.051	.094	.118	.146	.170	.171	.152	.115	.350
.400	.080	.071	.094	.125	.149	.153	.142	.099	.400
.450	.092	.055	.087	.103	.124	.141	.133	.078	.450
.500	.087	.040	.068	.086	.105		.124	.059	.500
.650	.040	.043	.031	.050	.066	.090	.091	.015	.650
.800	.006	-.005	.013	-.003	.017	.047	.062	-.013	.800
.950	-.024	-.024	-.017	-.013	-.026	.012	.029	-.036	.950
	$\alpha = 6^o$				$\beta = 0^o$				
	Upper surface								
.011	.032	-.085	-.108	-.077	-.081				.011
.025							-.045		.025
.050	.026	-.090	-.129	-.095	-.079	-.072	-.054	-.036	.050
.100		-.090		-.101	-.092	-.089	-.064	-.052	.100
.150	-.024	-.101	-.124	-.102	-.108	-.098	-.075	-.065	.150
.200	-.033	-.107	-.117	-.117	-.114	-.098	-.085	-.062	.200
.250	-.044	-.105	-.116	-.122	-.121	-.111	-.099		.250
.300	-.058	-.101	-.121		-.121	-.124	-.105	-.062	.300
.350	-.077	-.110	-.120	-.124	-.134	-.130	-.115	-.066	.350
.400	-.086	-.114	-.113	-.133	-.139	-.136	-.124	-.069	.400
.450	-.081	-.120	-.110	-.134	-.140	-.142	-.118	-.078	.450
.500	-.090	-.117	-.113	-.137	-.152	-.149	-.137	-.078	.500
.650	-.103	-.121	-.120	-.142	-.147		-.156	-.097	.650
.800	-.127	-.148	-.129	-.155	-.148	-.150	-.173	-.128	.800
.950	-.149	-.160	-.143	-.148	-.154	-.149	-.152	-.143	.950
	Lower surface								
.011	.242	.183	.492	.415	.361				.011
.020						.340	.379		.020
.050		.216	.364	.391	.364	.312	.358	.365	.050
.100	.073	.275	.330	.331	.346	.301	.327		.100
.150	.070	.218	.301	.301	.310	.296	.306	.306	.150
.200	.078	.172	.253	.274	.283			.252	.200
.250	.086		.216	.242	.259	.255	.249	.218	.250
.300	.096		.185	.213	.238	.244	.239	.195	.300
.350	.119		.161	.177	.212	.230	.224	.153	.350
.400	.127	.114	.136	.156	.186	.212	.212	.135	.400
.450	.134	.115	.119	.133	.157	.204	.199	.108	.450
.500	.127	.110	.103	.119	.137		.192	.084	.500
.650	.077	.084	.079	.071	.084	.124	.141	.043	.650
.800	.040	.040	.047	.037	.040	.072	.103	.010	.800
.950	.006	.009	.005	.010	.016	.034	.058	-.016	.950

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TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 8^0$		$\beta = 0^0$				
				Upper surface					
.011	.001	-.146	-.141	-.111	-.115				.011
.025							-.079		.025
.050	-.006	-.130	-.159	-.131	-.112	-.107	-.090	-.078	.050
.100		-.114		-.131	-.123	-.123	-.095	-.090	.100
.150	-.052	-.116	-.160	-.129	-.137	-.129	-.105	-.091	.150
.200	-.060	-.128	-.150	-.141	-.146	-.123	-.116	-.084	.200
.250	-.071	-.128	-.149	-.148	-.150	-.141	-.127	-.078	.250
.300	-.088	-.124	-.150		-.147	-.153	-.131	-.091	.300
.350	-.092	-.134	-.154	-.148	-.162	-.157	-.144	-.086	.350
.400	-.097	-.127	-.143	-.160	-.166	-.163	-.154	-.090	.400
.450	-.105	-.128	-.127	-.161	-.162	-.171	-.149	-.104	.450
.500	-.122	-.130	-.122	-.160	-.174	-.176	-.163	-.111	.500
.650	-.123	-.137	-.131	-.161	-.157	-.192	-.182	-.130	.650
.800	-.149	-.160	-.142	-.179	-.165	-.163	-.187	-.162	.800
.950	-.165	-.178	-.155	-.165	-.174	-.171	-.173	-.173	.950
				Lower surface					
.011	.329	.320	.558	.532	.532				.011
.020						.469	.479		.020
.050		.367	.446	.471	.474	.444	.452	.480	.050
.100	.085	.302	.397	.423	.433	.419	.420		.100
.150	.101	.246	.341	.372	.389	.396	.402		.150
.200	.128	.215	.292	.331	.359		.368	.325	.200
.250	.148	.215	.255	.288	.319	.339	.347		.250
.300	.164		.234	.259	.289	.320	.335		.300
.350	.183	.195	.205	.225	.262	.297	.305		.350
.400	.181	.174	.188	.211	.232	.267	.291		.400
.450	.171	.171	.176	.185	.208	.250	.273		.450
.500	.169	.161	.155		.189				.500
.650	.121	.125	.125	.123	.139	.161	.192		.650
.800	.082	.073	.087	.087	.097	.114	.146		.800
.950	.048	.043	.049	.059	.064	.079	.105		.950
			$\alpha = 10^0$		$\beta = 0^0$				
				Upper surface					
.011	-.018	-.149	-.153	-.124	-.130				.011
.025							-.098		.025
.050	-.032	-.145	-.174	-.148	-.129	-.119	-.111	-.103	.050
.100		-.127		-.147	-.138	-.137	-.117	-.110	.100
.150	-.072	-.130	-.172	-.141	-.151	-.148	-.127	-.109	.150
.200	-.076	-.131	-.164	-.157	-.157	-.142	-.137	-.104	.200
.250	-.082	-.135	-.162	-.163	-.166	-.156	-.145		.250
.300	-.095	-.131	-.164		-.157	-.172	-.156	-.108	.300
.350	-.099	-.131	-.170	-.162	-.173	-.176	-.163	-.101	.350
.400	-.109	-.134	-.160	-.169	-.179	-.182	-.172	-.108	.400
.450	-.109	-.134	-.131	-.174	-.172	-.188	-.162	-.122	.450
.500	-.124	-.136	-.132	-.175	-.188	-.195	-.181	-.131	.500
.650	-.134	-.131	-.130	-.170	-.162	-.202	-.199	-.148	.650
.800	-.156	-.167	-.145	-.182	-.176		-.195	-.185	.800
.950	-.169	-.179	-.156	-.163	-.183	-.186	-.188	-.186	.950
				Lower surface					
.011	.455	.511	.648	.641	.685				.011
.020						.657	.652		.020
.050		.429	.513	.560	.583	.582	.605	.635	.050
.100	.144	.350	.434	.492	.518	.532	.554		.100
.150	.178	.307	.387	.432	.464	.490	.512	.503	.150
.200	.208	.284	.340	.387	.420		.461	.424	.200
.250	.225	.290	.315	.343	.383	.406	.433	2.463	.250
.300	.235		.296	.326	.350	.387	.414	2.463	.300
.350	.241	.254	.277	.294	.326	.360	.380	2.464	.350
.400	.232	.229	.245	.279	.298	.332	.361	2.463	.400
.450	.225	.216	.229	.258	.276	.307	.340	2.463	.450
.500	.221	.204	.212	.243	.252		.312	2.463	.500
.650	.173	.171	.166	.185	.199	.223	.255	2.463	.650
.800	.133	.126	.135	.133	.148	.172	.205	2.463	.800
.950	.094	.095	.101	.100	.120	.135	.158	2.463	.950

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 12^\circ$		$\beta = 0^\circ$				
Upper surface									
.011	-.088	-.173	-.175	-.159	-.173				.011
.025							-.142		.025
.050	-.080	-.173	-.188	-.180	-.168	-.161	-.148	-.138	.050
.100	-.078	-.159		-.180	-.176	-.181	-.150	-.141	.100
.150	-.093	-.161	-.194	-.175	-.192	-.186	-.162	-.144	.150
.200	-.099	-.160	-.189	-.195	-.194	-.181	-.169	-.138	.200
.250	-.106	-.154	-.188	-.199		-.199	-.173		.250
.300	-.112	-.147	-.189		-.194	-.200	-.185	-.136	.300
.350	-.117	-.150	-.190	-.202	-.215	-.205	-.193	-.135	.350
.400	-.129	-.153	-.194	-.211	-.218	-.209	-.199	-.144	.400
.450	-.123	-.153	-.174	-.211	-.208	-.214		-.159	.450
.500	-.142	-.150	-.175	-.211	-.220	-.218	-.207	-.168	.500
.650	-.151	-.154	-.159	-.203		-.219	-.222	-.183	.650
.800	-.181	-.176	-.173	-.218	-.207	-.190	-.214	-.221	.800
.950	-.185	-.194	-.182	-.196	-.213	-.205	-.209	-.212	.950
Lower surface									
.011	.496	.626	.733	.731	.798				.011
.020						.784	.790		.020
.050		.498	.571	.635	.668	.691	.718	.757	.050
.100	.212	.418	.496	.550	.588	.620	.643		.100
.150	.248	.383	.446	.484	.526	.563	.592		.150
.200	.264	.353	.407	.454	.485		.539	.501	.200
.250	.286	.343	.385	.420	.454	.484	.506	.444	.250
.300	.306		.353	.387	.420	.451	.479		.300
.350	.313	.301	.327	.354	.390	.426	.450	.360	.350
.400	.299	.276	.287	.337	.369	.399	.428	.319	.400
.450	.292	.264	.279	.319	.332	.370	.401	.291	.450
.500	.282	.255	.262	.292	.314		.375	.256	.500
.650	.225	.221	.215	.230	.249	.278	.312	.187	.650
.800	.173	.171	.176	.183	.206	.228	.258	.128	.800
.950	.127	.134	.147	.154	.163	.183	.201	.090	.950
			$\alpha = 15^\circ$		$\beta = 0^\circ$				
Upper surface									
.011	-.173	-.221	-.227	-.213	-.225				.011
.025							-.211		.025
.050	-.163	-.225	-.227	-.228	-.207	-.201	-.201	-.196	.050
.100	-.150	-.213		-.221	-.213	-.214	-.192	-.186	.100
.150	-.144	-.220	-.233	-.206	-.228	-.228	-.204	-.185	.150
.200	-.122	-.212	-.232	-.226	-.233	-.213	-.211	-.175	.200
.250	-.128	-.209	-.228	-.226	-.237	-.231	-.217	-.164	.250
.300	-.138	-.202	-.224		-.224	-.239	-.224	-.177	.300
.350	-.147	-.163	-.226	-.233	-.241	-.244	-.227	-.177	.350
.400	-.157	-.168	-.234	-.244	-.243	-.246		-.188	.400
.450	-.151	-.174	-.219	-.239	-.234	-.251	-.226	-.205	.450
.500	-.173	-.181		-.238		-.259	-.240	-.208	.500
.650	-.185	-.188	-.189	-.225	-.209	-.244	-.253	-.224	.650
.800	-.212	-.209	-.196	-.235	-.234		-.246	-.257	.800
.950	-.212	-.219	-.205	-.240	-.238	-.238	-.240	-.239	.950
Lower surface									
.011	.727	.759	.847	.843	.911				.011
.020						.929	.936		.020
.050		.599	.666	.726	.771	.804	.855	.900	.050
.100	.225	.509	.584	.644	.675	.716	.765	.753	.100
.150	.254	.461	.531	.580	.612	.649	.703	.693	.150
.200	.340	.426	.482	.533	.571		.644	.606	.200
.250	.400	.405	.464	.505	.528	.568	.599	.541	.250
.300	.414		.432	.470	.496	.537	.574	.500	.300
.350	.407	.358	.402	.435	.464	.504	.542	.439	.350
.400	.378	.347	.363	.409	.436	.475	.513	.404	.400
.450	.361	.340	.347	.381	.413	.445	.485	.365	.450
.500	.351	.328	.331	.362	.386		.456	.327	.500
.650	.290	.289	.282	.300	.310	.349	.389	.249	.650
.800	.235	.236	.240	.237	.254	.293	.328	.186	.800
.950	.198	.196	.200	.207	.225	.240	.256	.137	.950

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^o$ $\beta = 0^o$									
Upper surface									
.011	.140	.123	.086	.060	.062				.011
.025							.107		.025
.050	.115	.105	.073	.056	.041	.069	.094	.098	.050
.100	.060	.085		.036	.032	.058	.071	.085	.100
.150	.046	.076	.056	.037	.032	.049	.069	.069	.150
.200	.032	.040	.046	.025	.024		.057	.050	.200
.250	.022	.024	.043	.019	.017	.018	.045	.033	.250
.300	.017	.008	.020	.014	.013	.002	.034	.026	.300
.350	.011	.000	.011	.007	.001	-.009	.017	.013	.350
.400	.005	-.008	-.008	.006	-.006	-.015	.004	.004	.400
.450	-.006	-.017	-.022	-.006	-.020	-.024	-.014	.002	.450
.500	-.006	-.022	-.027	-.017	-.017	-.033	-.015	-.004	.500
.650	-.032	-.043	-.057	-.059	-.070	-.053	-.047	-.027	.650
.800	-.053	-.060	-.073	-.078	-.070	-.090	-.081	-.041	.800
.950	-.081	-.091	-.081	-.072	-.072	-.057	-.063	-.057	.950
Lower surface									
.011	.133	.100	.160	.116	.121				.011
.020						.169	.162		.020
.050		.086	.119	.125	.118	.144	.149	.143	.050
.100	.025	.102	.098	.109	.098	.109	.136		.100
.150	.023	.090	.084	.093	.091	.086	.122	.111	.150
.200	.027	.054	.080	.082	.089		.105	.097	.200
.250	.026	.030	.084	.077	.068	.059	.091	.065	.250
.300	.014		.066	.062	.058	.051	.071		.300
.350	.007	.009	.035	.061	.051	.043	.064	.042	.350
.400	-.001	.003	.028	.050	.037	.029	.047	.022	.400
.450	-.007	-.012	-.001	.040	.040	.019	.035	.017	.450
.500	-.016	-.014	-.009	.021	.030		.013	.015	.500
.650	-.030	-.041	-.035	-.030	.000	-.013	-.013	-.005	.650
.800	-.056	-.052	-.058	-.063	-.047	-.038	-.045	-.028	.800
.950	-.075	-.072	-.066	-.063	-.063	-.059	-.062	-.041	.950
$\alpha = 2^o$ $\beta = 0^o$									
Upper surface									
.011	.109	.070	-.013	-.024	-.004				.011
.025							.043		.025
.050	.090	.062	-.024	-.028	-.021	-.005	.027	.038	.050
.100	.038	.037		-.047	-.039	-.014	.007	.023	.100
.150	.026	.030	-.024	-.043	-.044	-.019	.004	.011	.150
.200	.014	.001	-.024	-.058	-.051	-.040	-.007	.001	.200
.250	.001		-.020	-.064	-.057	-.043	-.020	-.009	.250
.300	-.007	-.038	-.028	-.060	-.057	-.052	-.028	-.012	.300
.350	-.017	-.036	-.036	-.059	-.071	-.064	-.043	-.021	.350
.400	-.026	-.047	-.049	-.056	-.076	-.073	-.059	-.025	.400
.450	-.039	-.052	-.063	-.060	-.089	-.083	-.073	-.031	.450
.500	-.039	-.057	-.068	-.065	-.084	-.092	-.070	-.040	.500
.650	-.066	-.078	-.090	-.102		-.110	-.095	-.056	.650
.800	-.085	-.094	-.107	-.114	-.111	-.126	-.126	-.066	.800
.950	-.111	-.122	-.102	-.089	-.095	-.096	-.100	-.089	.950
Lower surface									
.011	.161	.106	.255	.203	.194				.011
.020						.212	.223		.020
.050		.091	.206	.212	.180	.194	.208	.206	.050
.100	.036	.118	.174	.190	.168	.169	.191		.100
.150	.030	.115	.150	.167	.164	.148	.170	.167	.150
.200	.027	.075	.146	.145	.155		.149	.140	.200
.250	.022	.037	.169	.133	.138	.126	.135	.103	.250
.300	.017		.115	.131	.121	.110	.113		.300
.350	.019	.015	.066	.127	.106	.098	.103	.071	.350
.400	.019	.014	.043	.093	.092	.087	.089	.056	.400
.450	.026	.012	.021	.066	.089	.076	.078	.043	.450
.500	.027	-.003	.021	.043	.079		.055	.031	.500
.650	.010	-.002	-.002	-.002	.019	.030	.030	-.007	.650
.800	-.021	-.026	-.037	-.036	-.023	.010	.000	-.031	.800
.950	-.047	-.057	-.054	-.051	-.052	-.030	-.031	-.050	.950

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING, SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 4^\circ$				$\beta = 0^\circ$				
	Upper surface								
.011	.098	-.011	-.109	-.080	-.054				.011
.025							-.017		.025
.050	.091		-.128	-.088	-.076	-.058	-.021	-.007	.050
.100	.048	-.033	-.118	-.109	-.086	-.064	-.040	-.019	.100
.150	.040	-.024	-.109	-.103	-.091	-.070	-.045	-.030	.150
.200	.019	-.046	-.101	-.121	-.101	-.092	-.054	-.033	.200
.250	-.007	-.054	-.095	-.125	-.109	-.088	-.066	-.038	.250
.300	-.028		-.092	-.116	-.111	-.096	-.075	-.038	.300
.350	-.038	-.066	-.071	-.118	-.123	-.105	-.088	-.050	.350
.400	-.048	-.078	-.076	-.115	-.130	-.114	-.097	-.056	.400
.450	-.064	-.080	-.095	-.115	-.144	-.121	-.118	-.053	.450
.500	-.062	-.082		-.116	-.138	-.130		-.057	.500
.650	-.082	-.102	-.115	-.140		-.150	-.135	-.088	.650
.800	-.106	-.110	-.128	-.136	-.143	-.156	-.156	-.102	.800
.950	-.135	-.137	-.136	-.142	-.135	-.134	-.135	-.135	.950
	Lower surface								
.011	.168	-.008	.439	.308	.294				.011
.020						.285	.303		.020
.050		-.006		.329	.284	.259	.290	.289	.050
.100	.014	.001	.289	.291	.276	.239	.265		.100
.150	-.006	.051	.239	.251	.264	.219	.240	.236	.150
.200	-.017	.024	.211	.232	.239		.214	.205	.200
.250	.005	-.009	.164	.212	.212	.208	.201	.164	.250
.300	.001		.129	.180	.197	.198	.180		.300
.350	.041	.022	.104	.143	.178	.180	.178		.350
.400	.097	.014	.085	.116	.150	.161	.159	.097	.400
.450	.084	.015	.066	.098	.129	.154	.148	.079	.450
.500	.071	.014	.059	.078	.108		.133	.066	.500
.650	.043	.030	.030	.049	.049	.092	.105	.022	.650
.800	.015	.001	.023	.003	.013	.044	.066	-.010	.800
.950	-.022	-.030	-.020	-.003	-.008	-.001	.029	-.026	.950
	$\alpha = 6^\circ$				$\beta = 0^\circ$				
	Upper surface								
.011	.085	-.149	-.158	-.119	-.102				.011
.025							-.055		.025
.050	.068	-.177	-.178	-.123	-.116	-.107	-.062	-.050	.050
.100	.030	-.166		-.142	-.127	-.104	-.082	-.060	.100
.150	.024	-.152	-.146	-.142	-.126	-.113	-.085	-.066	.150
.200	.007		-.151	-.165	-.130	-.134	-.095	-.060	.200
.250	-.030	-.145	-.115	-.160	-.142	-.127	-.104	-.072	.250
.300	-.046	-.145	-.106	-.145	-.142	-.136	-.114	-.066	.300
.350	-.057	-.123	-.108	-.154	-.159	-.143	-.129	-.076	.350
.400	-.076	-.122	-.120	-.148	-.165	-.153	-.135	-.082	.400
.450	-.085	-.124	-.123	-.153	-.178	-.159	-.157	-.081	.450
.500	-.077	-.122	-.120	-.152		-.164		-.081	.500
.650	-.106	-.132	-.127	-.165	-.187	-.183	-.173	-.122	.650
.800	-.117	-.139	-.142	-.157	-.162	-.178	-.185	-.139	.800
.950	-.155	-.159	-.152	-.157	-.165	-.164	-.161	-.171	.950
	Lower surface								
.011	.234	-.042	.588	.511	.436				.011
.020						.364	.388		.020
.050		.076	.390	.439	.437	.344	.365	.379	.050
.100	.018	.173	.325	.359	.383	.348	.335		.100
.150	-.002	.161	.285	.309	.335	.338	.309	.314	.150
.200	-.016	.143	.238	.280	.308		.295	.275	.200
.250	.001	.147	.194	.245	.278		.285	.226	.250
.300	.019		.171	.205	.243	.269	.274		.300
.350	.064	.114	.148	.183	.217	.246	.265	.169	.350
.400	.135	.091	.126	.155	.189	.226	.251	.140	.400
.450	.133	.086	.110	.145	.168	.204	.229	.122	.450
.500	.126	.122	.101	.114	.147		.206	.107	.500
.650	.084	.089	.093	.076	.092	.129	.160	.069	.650
.800	.044	.049	.049	.042	.054	.073	.107	.033	.800
.950	.012	.007	.019	.030	.022	.034	.064	.005	.950

[redacted]

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 8^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	.047	-.137	-.166	-.150	-.129				.011
.025							-.096		.025
.050	.005	-.117	-.182	-.155	-.146	-.135	-.104	-.099	.050
.100	-.020	-.130		-.174	-.159	-.141	-.122	-.107	.100
.150	-.028	-.140	-.171	-.165	-.156	-.145	-.123	-.103	.150
.200	-.046	-.149	-.165	-.187	-.167	-.160	-.135	-.096	.200
.250	-.057		-.133	-.191	-.173	-.155	-.143	-.105	.250
.300	-.054	-.154	-.133	-.169	-.172	-.171	-.150	-.098	.300
.350	-.069	-.145	-.115	-.184	-.188	-.178	-.160	-.107	.350
.400		-.149	-.126	-.176	-.192	-.182	-.168	-.113	.400
.450	-.104	-.152	-.133	-.176		-.192	-.184	-.118	.450
.500	-.107	-.143	-.129	-.181	-.193	-.195	-.182	-.126	.500
.650	-.135	-.154	-.140	-.185		-.208	-.201	-.161	.650
.800	-.143	-.168	-.155	-.160	-.181	-.197	-.199	-.182	.800
.950	-.173	-.182	-.174	-.165	-.184	-.188	-.190	-.208	.950
Lower surface									
.011	.211	.234	.585	.587	.599				.011
.020						.524	.508		.020
.050		.261	.433	.501	.517	.492	.481	.494	.050
.100	.062	.232	.373	.426	.450	.457	.452		.100
.150	.063	.212	.320	.368	.403	.422	.428	.408	.150
.200	.082	.199	.284	.330	.367		.400	.353	.200
.250	.110	.206	.254	.296	.327		.374	.304	.250
.300	.124		.233	.263	.296	.327	.351		.300
.350	.150	.186	.207	.233	.266	.304	.336	.235	.350
.400	.165	.168	.186	.211	.239	.280	.311	.211	.400
.450	.167	.175	.170	.197	.220	.245	.292	.189	.450
.500	.163	.163	.162	.177	.200		.261	.168	.500
.650	.126	.127	.130	.137	.134	.169	.207	.107	.650
.800	.078	.089	.093	.089	.100	.120	.156	.058	.800
.950	.045	.049	.056	.068	.076	.077	.103	.023	.950
$\alpha = 10^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	-.023	-.166	-.187	-.179	-.159				.011
.025							-.132		.025
.050	-.060	-.159	-.200	-.185	-.175	-.169	-.141	-.123	.050
.100	-.073	-.159			-.185	-.174	-.152	-.140	.100
.150	-.077		-.199	-.187	-.187	-.179	-.153	-.140	.150
.200	-.088	-.156	-.196	-.212	-.198		-.161	-.128	.200
.250	-.095	-.155	-.193	-.215	-.200	-.191	-.171	-.135	.250
.300	-.102	-.164	-.187		-.196	-.198	-.178	-.133	.300
.350	-.109	-.155	-.159	-.207	-.211	-.197	-.184	-.137	.350
.400	-.119	-.166	-.159	-.203	-.217	-.207	-.194	-.143	.400
.450	-.130	-.161	-.164	-.205	-.226	-.216	-.209	-.152	.450
.500	-.147	-.152	-.146	-.207	-.222	-.218	-.205	-.165	.500
.650	-.171	-.171	-.160	-.213	-.215	-.228	-.223	-.194	.650
.800	-.177	-.181	-.173	-.186	-.204	-.218	-.216	-.218	.800
.950	-.199	-.202	-.191	-.184	-.207	-.206	-.209	-.232	.950
Lower surface									
.011	.284	.414	.637	.647	.701				.011
.020						.677	.669		.020
.050		.353	.489	.558	.591	.600	.612	.631	.050
.100	.123	.321	.421	.478	.518	.534	.555		.100
.150	.127	.272	.380	.430	.464	.487	.509	.494	.150
.200	.157	.251	.329	.384	.412		.471	.426	.200
.250	.183	.260	.301	.351	.373	.413	.437	.371	.250
.300	.192			.311	.344	.381	.410	.344	.300
.350	.209	.243	.262	.284	.312	.353	.392	.294	.350
.400	.204	.218	.234	.272	.287	.330	.361	.262	.400
.450	.199	.210	.223	.246	.265	.301	.338	.233	.450
.500	.201	.198	.212	.230	.244		.312	.202	.500
.650	.162	.170	.164	.181	.183	.212	.247	.150	.650
.800	.122	.122	.115	.122	.146	.170	.196	.089	.800
.950	.075	.080	.087	.106	.114	.124	.142	.051	.950

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 12^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.092	-.190	-.207	-.201	-.187				.011
.025							-.161		.025
.050	-.111	-.194	-.216	-.199	-.201	-.188	-.160	-.149	.050
.100	-.105	-.193		-.213	-.205	-.189	-.173	-.156	.100
.150	-.103	-.187	-.221	-.202	-.205	-.199	-.176	-.151	.150
.200	-.111	-.179	-.216	-.222	-.214	-.206	-.183	-.144	.200
.250	-.112	-.162	-.212	-.231	-.220	-.213	-.190	-.149	.250
.300	-.119	-.166	-.209		-.211	-.215	-.199	-.145	.300
.350	-.124	-.156	-.212	-.225	-.229	-.219	-.207	-.154	.350
.400	-.137	-.162		-.221	-.233	-.227	-.213	-.162	.400
.450	-.142	-.164	-.193	-.221	-.238	-.227	-.220	-.172	.450
.500	-.147	-.157	-.170	-.222	-.237	-.229	-.222	-.180	.500
.650	-.186	-.177	-.170	-.229	-.215	-.227	-.237	-.211	.650
.800	-.193	-.186	-.182	-.232	-.221	-.222	-.222	-.237	.800
.950	-.207	-.203	-.200	-.195	-.227	-.216	-.219	-.231	.950
Lower surface									
.011	.452	.586	.716	.733	.800				.011
.020						.795	.797		.020
.050		.463	.562	.628	.673	.705	.718	.768	.050
.100	.176	.380	.483	.545	.588	.621	.647		.100
.150	.211	.346	.429	.491	.526	.561	.593	.584	.150
.200	.248	.327	.391	.437	.484		.542	.512	.200
.250	.263	.333	.367	.411	.437	.478	.507	.447	.250
.300	.272		.347	.379	.414	.444	.483		.300
.350	.283	.291	.322	.351	.384	.424	.457	.363	.350
.400	.273	.269	.286	.333	.361	.389	.427	.328	.400
.450	.264	.262	.275	.312	.337	.364	.408	.291	.450
.500	.263	.247	.263	.291	.313		.370	.262	.500
.650	.222	.218	.213	.233	.247	.279	.313	.194	.650
.800	.171	.173	.176	.171	.198	.226	.255	.141	.800
.950	.140	.136	.144	.149	.164	.177	.197	.097	.950
	$\alpha = 15^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.197	-.240	-.250	-.247	-.251				.011
.025							-.224		.025
.050	-.178	-.241	-.247	-.244	-.237	-.222	-.211	-.210	.050
.100	-.147	-.235		-.243	-.238	-.235	-.209	-.196	.100
.150	-.141	-.238	-.255		-.254	-.237	-.216	-.191	.150
.200	-.139	-.234	-.253	-.250	-.255	-.235	-.221	-.184	.200
.250	-.143	-.231	-.248	-.255	-.256	-.248	-.226	-.178	.250
.300	-.152	-.199	-.243		-.247	-.250	-.231	-.184	.300
.350	-.155	-.168	-.240	-.253	-.262	-.254	-.241	-.189	.350
.400	-.170	-.179	-.248	-.262	-.267	-.260	-.243	-.198	.400
.450	-.167	-.186	-.240	-.257	-.258	-.264	-.238	-.210	.450
.500	-.179	-.191	-.253	-.258	-.268	-.266	-.250	-.219	.500
.650	-.199	-.203	-.207	-.253		-.253	-.264	-.240	.650
.800	-.224	-.222	-.213	-.266	-.255	-.236	-.247	-.269	.800
.950	-.231	-.230	-.224	-.266	-.253	-.251	-.248	-.248	.950
Lower surface									
.011	.612	.737	.821	.821	.900				.011
.020						.914	.931		.020
.050		.581	.651	.711	.753	.793	.842	.893	.050
.100	.213	.495	.567	.622	.671	.704	.759	.794	.100
.150	.211	.443	.517	.566	.606		.688	.689	.150
.200	.317	.404	.472	.518	.564		.632	.599	.200
.250	.357	.399	.447	.492	.516	.556	.595	.530	.250
.300	.383		.423	.454	.481	.513	.564	.497	.300
.350	.388	.350	.394	.422	.453	.490	.532	.429	.350
.400	.364	.328	.352	.399	.427	.467	.502	.395	.400
.450	.345	.321	.338	.379	.404	.435	.474	.351	.450
.500	.341	.313	.321	.352	.374		.446	.321	.500
.650	.289	.282	.276	.285	.308	.334	.388	.236	.650
.800	.224	.222	.229	.232	.243	.279	.316	.177	.800
.950	.194	.184	.192	.205	.224	.231	.247	.129	.950

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	.185	.156	.089	.053	.057				.011
.025							.096		.025
.050	.150	.144	.079	.041	.043	.066	.083	.099	.050
.100	.089	.124		.027	.026	.054	.066	.082	.100
.150	.075	.099	.077	.032	.015	.045	.057	.062	.150
.200	.051	.062	.070	.036	.009	.031	.046	.050	.200
.250	.043	.049	.063	.036	.001	.018	.036	.039	.250
.300	.036	.027	.039	.040	.002	.000	.024	.025	.300
.350	.027	.018	.022	.031	-.002	-.014	.007	.017	.350
.400	.017	.006	.008	.020	-.007	-.026	-.001	.006	.400
.450	.013	-.006	-.004	.006	-.007	-.034	-.012	-.002	.450
.500	.006	-.008	-.015	-.006	-.007	-.045	-.020	-.007	.500
.650	-.022	-.030	-.040	-.043	-.040	-.059	-.050	-.026	.650
.800	-.041	-.051	-.060	-.073	-.069	-.076	-.083	-.046	.800
.950	-.067	-.084	-.076	-.082	-.076	-.057	-.066	-.057	.950
Lower surface									
.011	.077	.080	.133	.104	.132				.011
.020						.157	.169		.020
.050		.065	.102	.113	.115	.140	.161	.164	.050
.100	.005	.075	.093	.104	.099	.120	.144		.100
.150	.003	.072	.079	.087	.083	.101	.128	.121	.150
.200	.012	.027	.058	.080	.075		.102	.096	.200
.250	.005	.006	.061	.069	.064	.062	.090	.075	.250
.300	-.012		.050	.054	.055	.051	.075		.300
.350	-.021	-.016	.026	.036	.048	.042	.061	.056	.350
.400	-.033	-.026	.002	.029	.036	.023	.050	.030	.400
.450	-.033	-.030	-.015	.020	.024	.021	.035	.022	.450
.500	-.035	-.042	-.027	.014	.013		.019	.012	.500
.650	-.047	-.065	-.051	-.036	-.014	-.014	-.013	-.012	.650
.800	-.075	-.083	-.094	-.075	-.049	-.042	-.044	-.031	.800
.950	-.068	-.077	-.085	-.086	-.076	-.065	-.068	-.043	.950
$\alpha = 4^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	.167	.075	-.120	-.065	-.055				.011
.025							-.013		.025
.050	.143	.069	-.124	-.090	-.057	-.040	-.025	-.009	.050
.100	.079	.056		-.092	-.068	-.059	-.037	-.025	.100
.150	.060	.036	-.096	-.097	-.084	-.069	-.046	-.034	.150
.200	.039	.006	-.087	-.109	-.095		-.058	-.034	.200
.250	.023		-.049	-.098	-.104	-.083	-.070	-.032	.250
.300	.004	-.032	-.032	-.074	-.107	-.097	-.077	-.044	.300
.350	-.009	-.043	-.046	-.092	-.123	-.103	-.089	-.041	.350
.400	-.026	-.056	-.064	-.104	-.128	-.113	-.100	-.047	.400
.450	-.028	-.063	-.065	-.111	-.116	-.120	-.095	-.056	.450
.500	-.039	-.065	-.076	-.113	-.123	-.124		-.060	.500
.650	-.056	-.077	-.089	-.088	-.107	-.151	-.134	-.075	.650
.800	-.087	-.101	-.104	-.121	-.142	-.129	-.153	-.106	.800
.950	-.108	-.117	-.113	-.135	-.136	-.133	-.129	-.115	.950
Lower surface									
.011	.100	.061	.362	.374	.343				.011
.020						.304	.300		.020
.050		.029	.301	.349	.329	.278	.289	.302	.050
.100	.000	.009	.261	.300	.308	.267	.273		.100
.150	-.019	.001	.240	.269	.273	.255	.247	.253	.150
.200	-.030	-.031	.233	.255	.248		.220		.200
.250	-.042	-.079	.138	.246	.218	.209	.202	.167	.250
.300	-.054		.093	.197	.222	.204	.191	.155	.300
.350	-.044	-.103	.069	.146	.202	.190	.175	.113	.350
.400	-.019	-.093	.044	.104	.173	.170	.169	.093	.400
.450	.049	-.050	.033	.083	.125	.161	.159	.077	.450
.500	.119	-.020	.023	.058	.105		.145	.058	.500
.650	.076	.019	.008	.010	.040	.086	.100	.014	.650
.800	.005	-.023	.024	-.024	-.013	.034	.070	-.016	.800
.950	-.040	-.068	.007	-.017	-.041	-.009	.038	-.030	.950

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 8^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	.154	-.154	-.199	-.117	-.116				.011
.025							-.079		.025
.050	.121	-.174	-.202	-.134	-.115	-.103	-.091	-.082	.050
.100	.065	-.155		-.139	-.125	-.122	-.098	-.093	.100
.150	.038	-.177	-.114	-.139	-.141	-.129	-.108	-.096	.150
.200	.028	-.166	-.114	-.147	-.147	-.121	-.119	-.091	.200
.250	-.007	-.162	-.111	-.136	-.151	-.141	-.129	-.082	.250
.300	-.043	-.142	-.116	-.117	-.146	-.149	-.135		.300
.350	-.057	-.142	-.128	-.141	-.160	-.155	-.147	-.090	.350
.400	-.074	-.134	-.153	-.152	-.160	-.162	-.153	-.091	.400
.450	-.064	-.127	-.140	-.136	-.151	-.166	-.144	-.108	.450
.500	-.077	-.119	-.147	-.129	-.160	-.173	-.162	-.119	.500
.650	-.083		-.132	-.130		-.187	-.179	-.129	.650
.800	-.123	-.141	-.142	-.146	-.177	-.157	-.177	-.160	.800
.950	-.135	-.157	-.160	-.157	-.171	-.164	-.166	-.172	.950
Lower surface									
.011	.066	-.081	.485	.615	.645				.011
.020						.568	.515		.020
.050		.012		.495	.532	.518	.499	.492	.050
.100	-.032	.184	.329	.407	.448	.467	.470		.100
.150	-.042	.186	.282	.345	.393	.431	.442	.413	.150
.200	-.036	.180	.253	.300	.344		.404	.351	.200
.250	-.022	.173	.226	.270	.314	.354	.376	.308	.250
.300	-.002		.205	.238	.279	.324	.357		.300
.350	.070	.151	.179	.200	.250	.295	.328	.239	.350
.400	.142	.130	.154	.189	.218	.271	.307	.215	.400
.450	.180	.112	.145	.167	.190	.245	.285	.191	.450
.500	.170	.165	.121	.148	.176		.261	.166	.500
.650	.128	.138	.131	.103	.117	.161	.200	.106	.650
.800	.091	.085	.098	.085	.074	.109	.148	.061	.800
.950	.058	.054	.057	.062	.064	.071	.097	.021	.950
$\alpha = 10^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	.034	-.175	-.194	-.151	-.146				.011
.025							-.137		.025
.050	.018	-.168	-.204	-.165	-.146	-.148	-.146	-.130	.050
.100	-.028	-.141		-.171	-.155	-.167	-.151	-.137	.100
.150	-.041	-.137	-.178	-.160	-.172	-.169	-.164	-.139	.150
.200	-.052	-.147	-.173	-.179	-.175	-.156	-.169	-.134	.200
.250	-.070	-.147	-.167	-.172	-.184	-.174	-.178	-.126	.250
.300	-.089	-.159	-.134	-.146		-.192	-.181		.300
.350	-.095	-.153	-.137	-.171	-.191	-.197	-.190	-.130	.350
.400	-.110	-.165	-.147	-.184	-.192	-.202	-.197	-.141	.400
.450	-.097	-.165	-.148	-.184	-.184	-.206		-.156	.450
.500	-.126	-.160	-.146	-.183	-.194	-.213		-.164	.500
.650	-.140	-.149	-.135	-.164	-.161	-.206	-.216	-.180	.650
.800	-.162	-.175	-.147	-.148	-.186	-.187	-.202	-.216	.800
.950	-.173	-.184	-.169	-.165	-.193	-.199	-.199	-.211	.950
Lower surface									
.011	.194	.419	.688	.697	.752				.011
.020						.729	.728		.020
.050		.359	.521	.588	.623	.632	.667	.697	.050
.100	.063	.322	.449	.503	.544	.565	.599		.100
.150	.092	.280	.393	.444	.486	.516	.550	.536	.150
.200	.129	.245	.337	.389	.441		.501	.459	.200
.250	.171	.260	.303	.350	.387	.424	.469	.406	.250
.300	.202		.291	.318	.360	.402	.442		.300
.350	.211	.246	.268	.287	.332	.374	.413	.322	.350
.400	.205	.233	.248	.274	.302	.337	.389	.291	.400
.450	.199	.220	.236	.261	.279	.324	.363	.259	.450
.500	.203	.204	.223	.244	.259		.338	.229	.500
.650	.173	.178	.178	.197	.204	.234	.273	.162	.650
.800	.142	.128	.143	.134	.160	.192	.217	.103	.800
.950	.107	.104	.104	.112	.128	.147	.160	.065	.950

[redacted]

TABLE XVI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, HIGH-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 12^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	-.008	-.179	-.198	-.176	-.176				.011
.025							-.162		.025
.050	-.017	-.177	-.208	-.189	-.171	-.176	-.167	-.155	.050
.100	-.052	-.159		-.189	-.179	-.190	-.177	-.159	.100
.150	-.071	-.144	-.195	-.181	-.193	-.193	-.185	-.158	.150
.200	-.082	-.148	-.193	-.200	-.198	-.187	-.190	-.151	.200
.250	-.091	-.149	-.192	-.196	-.206	-.203	-.196	-.146	.250
.300	-.104		-.186	-.173	-.195	-.213	-.200	-.153	.300
.350	-.113	-.154	-.174	-.192	-.209	-.212	-.209	-.152	.350
.400	-.127	-.158	-.151	-.202	-.217	-.217	-.215	-.164	.400
.450	-.120	-.160	-.151	-.200	-.205	-.221	-.205	-.176	.450
.500	-.138	-.162	-.153	-.204	-.215	-.229		-.184	.500
.650	-.165	-.160	-.153	-.198		-.225	-.235	-.204	.650
.800	-.179	-.181	-.166	-.181	-.208	-.204	-.218	-.235	.800
.950	-.186	-.193	-.184	-.177	-.205	-.217	-.219	-.228	.950
Lower surface									
.011	.269	.533	.718	.733	.791				.011
.020						.775	.790		.020
.050		.454	.561	.622	.658	.664	.712	.743	.050
.100	.094	.358	.474	.533	.575	.593	.638		.100
.150	.128	.309	.418	.464	.510	.541	.587	.585	.150
.200	.188	.291	.370	.414	.467		.536	.492	.200
.250	.218	.307	.347	.380	.412	.460	.496	.433	.250
.300	.228		.330	.349	.389	.426	.476		.300
.350	.232	.280	.312	.334	.358	.399	.438	.352	.350
.400	.232	.257	.279	.319	.334	.368	.415	.313	.400
.450	.228	.244	.267	.294	.313	.351	.393	.284	.450
.500	.233	.230	.244	.271	.288		.364	.251	.500
.650	.202	.195	.197	.216	.229	.268	.302	.179	.650
.800	.168	.152	.159	.156	.176	.214	.245	.125	.800
.950	.134	.119	.124	.133	.142	.168	.183	.083	.950
$\alpha = 15^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	-.104	-.229	-.240	-.217	-.227				.011
.025							-.220		.025
.050	-.087	-.229	-.234	-.222	-.210	-.203	-.210	-.204	.050
.100	-.103	-.210		-.216	-.211	-.215	-.203	-.195	.100
.150	-.121	-.209	-.239	-.205	-.224	-.220	-.212	-.190	.150
.200	-.123	-.202	-.230	-.224	-.228	-.217	-.217	-.183	.200
.250	-.131	-.178	-.228	-.226		-.231	-.224	-.177	.250
.300	-.144	-.177	-.224	-.198	-.221	-.246	-.228	-.184	.300
.350	-.144	-.177	-.224	-.221	-.237	-.248	-.235	-.185	.350
.400	-.153	-.178	-.222	-.229	-.240	-.252	-.241	-.195	.400
.450	-.150	-.177	-.209	-.231		-.255		-.210	.450
.500	-.165	-.179	-.202	-.230	-.237	-.255	-.248	-.220	.500
.650	-.186	-.186	-.176	-.224		-.243	-.253	-.233	.650
.800	-.215	-.210	-.189	-.234	-.231	-.229	-.241	-.262	.800
.950	-.215	-.217	-.199	-.220	-.227	-.243	-.243	-.246	.950
Lower surface									
.011	.296	.689	.815	.832	.899				.011
.020						.905	.932		.020
.050		.539	.636	.713	.760	.801	.848	.892	.050
.100		.476	.556	.628	.650	.691	.757		.100
.150	.238	.462	.521	.571	.601	.649	.696	.686	.150
.200	.219	.418	.479	.524	.563		.635	.601	.200
.250	.265	.402	.454	.493	.521		.601	.532	.250
.300	.294		.421	.456	.485	.524	.572	.495	.300
.350	.325	.357	.388	.416	.453	.497	.542	.433	.350
.400	.335	.325	.355	.403	.430	.465	.510	.399	.400
.450	.336	.306	.335	.377	.400	.441	.485	.360	.450
.500	.347	.290	.309	.353	.374		.453	.321	.500
.650	.301	.271	.257	.283	.308	.348	.385	.241	.650
.800	.252	.217	.219	.222	.251	.286	.322	.182	.800
.950	.196	.187	.195	.194	.211	.236	.248	.139	.950

[redacted]

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING, SMALL TRAPEZOIDAL CANARD CONFIGURATION

(a) $\delta_c = 0^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^o$				$\beta = 0^o$				
	Upper surface								
.011	.196	.117	.124	.091	.107				.011
.020						.131	.146		.020
.050		.107	.106	.100	.089	.108	.143	.136	.050
.100	.044	.133	.093	.086	.076	.089	.129		.100
.150	.055	.094	.092	.072	.065	.064	.117	.108	.150
.200	.051	.057	.096	.066	.058		.094	.079	.200
.250	.050	.049	.084	.061	.047	.044	.078	.057	.250
.300	.036		.052	.059	.040	.030	.066		.300
.350	.028	.026	.040	.050	.035	.019	.048	.037	.350
.400	.012	.016	.016	.034	.026	.010	.034	.029	.400
.450	.003	.009	.010	.020	.021	.015	.022	.020	.450
.500	-.005	-.002	.002	.000	.014		.006	.008	.500
.650	-.041	-.037	-.029	-.031	-.022	-.015	-.027	-.006	.650
.800	-.062	-.058	-.062	-.062	-.050	-.042	-.055	-.024	.800
.950	-.083	-.079	-.071	-.075	-.075	-.057	-.057	-.040	.950
	Lower surface								
.011	.100	.096	.098	.091	.082				.011
.025							.115		.025
.050	.081	.082	.079	.078	.070	.087	.100	.100	.050
.100	.030	.065		.059	.059	.064	.082	.087	.100
.150	.020	.051	.051	.056	.051	.057	.072	.071	.150
.200	.009	.025	.040	.044	.040	.040	.062	.053	.200
.250	.004	.014	.033	.036	.031	.031	.051		.250
.300	.001	.002	.017	.036	.026	.014	.038	.027	.300
.350	-.005	-.009	.004	.020	.015	.005	.024	.018	.350
.400	-.011	-.017	-.013	.004	.006	-.006	.011	.007	.400
.450	-.014	-.025	-.025	-.006	-.006	-.013	.002	.000	.450
.500	-.021	-.030	-.031	-.017	-.009	-.024		-.006	.500
.650	-.043	-.046	-.051	-.053	-.031	-.044	-.041	-.025	.650
.800	-.060	-.065	-.069	-.079	-.074	-.068	-.074	-.039	.800
.950	-.075	-.085	-.075	-.068	-.072	-.062	-.066	-.051	.950
	$\alpha = 2^o$				$\beta = 0^o$				
	Upper surface								
.011	.123	.070	.069	.040	.056				.011
.020						.075	.100		.020
.050		.057	.046	.044	.043	.060	.086	.085	.050
.100	.012	.071	.036	.033	.028	.032	.076		.100
.150	.008	.050	.029	.020	.016	.018	.062	.057	.150
.200	.007	.013	.036	.012	.014		.051	.048	.200
.250	.015	.001	.032	.011	.000	.005	.039	.032	.250
.300	-.001		.006	.004	-.008	-.011	.022	.042	.300
.350	-.004	-.019	-.012	.005	-.018	-.022	.014	.014	.350
.400	-.020	-.023	-.019	-.009	-.026	-.033	-.004	.004	.400
.450	-.028	-.025	-.036	-.014	-.019	-.036	-.013	-.004	.450
.500	-.039	-.033	-.032	-.036	-.025		-.032	-.005	.500
.650	-.058	-.065	-.057	-.060	-.053	-.061	-.053	-.021	.650
.800	-.083	-.081	-.088	-.091	-.084	-.081	-.083	-.044	.800
.950	-.102	-.095	-.076	-.068	-.074	-.069	-.063	-.043	.950
	Lower surface								
.011	.142	.153	.160	.150	.148				.011
.025							.178		.025
.050	.115	.137	.139	.141	.127	.141	.161	.160	.050
.100	.058	.113		.115	.115	.126	.141	.145	.100
.150	.046	.091	.108	.113	.108	.114	.134	.126	.150
.200	.032	.063	.095	.095	.096	.088	.121	.103	.200
.250	.028	.051	.081	.085	.088	.087	.107	.082	.250
.300	.027	.032	.053	.077	.081	.072	.094	.064	.300
.350	.023	.025	.039	.059	.069	.059	.072	.050	.350
.400	.018	.012	.023	.051	.055	.047	.058	.038	.400
.450	.009	.001	.004	.030	.042	.039	.042	.030	.450
.500	.006	.002	.001	.013		.027	.037	.021	.500
.650	-.015	-.024	-.027	-.021	-.015	-.001	.006	-.012	.650
.800	-.034	-.044	-.046	-.047	-.042	-.038	-.028	-.027	.800
.950	-.053	-.070	-.063	-.064	-.069	-.056	-.051	-.052	.950

[redacted]

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING, SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 4^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	.055	.025	.020	-.005	.015				.011
.020						.032	.048		.020
.050		.011	-.006	-.002	.005	.020	.039	.040	.050
.100	-.033	.018	-.013	-.008	-.014	-.005	.027		.100
.150	-.036	.007	-.018	-.021	-.021	-.020	.016	.014	.150
.200	-.039	-.028	-.015	-.027	-.027		.007	.016	.200
.250	-.027	-.043	-.015	-.027	-.041	-.042	-.005	.001	.250
.300	-.035		-.034	-.036	-.043	-.044	-.018		.300
.350	-.041	-.056	-.050	-.036	-.050	-.056	-.023	-.008	.350
.400	-.048	-.057	-.056	-.044	-.060	-.065	-.041	-.018	.400
.450	-.055	-.055	-.071	-.044	-.056	-.072	-.048	-.021	.450
.500	-.067	-.062	-.062	-.065	-.061		-.067	-.021	.500
.650	-.081	-.089	-.083	-.086	-.082	-.093	-.084	-.041	.650
.800	-.100	-.100	-.112	-.117	-.109	-.114	-.113	-.055	.800
.950	-.117	-.117	-.100	-.090	-.092	-.099	-.093	-.064	.950
				Lower surface					
.011	.205	.225	.238	.232	.228				.011
.025							.250		.025
.050	.158	.208	.212	.215	.205	.217	.236	.238	.050
.100	.103	.172		.189	.189	.195	.217	.224	.100
.150	.090	.140	.177	.179	.176	.181	.208	.197	.150
.200	.070	.107	.151	.160	.164	.157	.190	.171	.200
.250	.063	.094	.129	.149	.155	.153	.171		.250
.300	.060	.072	.104	.130	.144	.139	.155	.116	.300
.350	.060	.065	.084	.110	.129	.126	.136	.095	.350
.400	.049	.051	.069	.094	.110	.115	.125	.082	.400
.450	.046	.045	.052	.077	.094	.103	.103	.068	.450
.500	.042	.038	.044	.063		.090	.100	.053	.500
.650	.020	.015	.011	.008	.024	.060	.068	.013	.650
.800	.000	-.012	-.011	-.011	-.002	.006	.020	-.014	.800
.950	-.018	-.032	-.031	-.034	-.034	-.018	-.005	-.039	.950
			$\alpha = 6^\circ$		$\beta = 0^\circ$				
				Upper surface					
.011	-.011	-.023	-.026	-.050	-.041				.011
.020						-.012	.003		.020
.050		-.036	-.050	-.052	-.044	-.021	-.013	-.010	.050
.100	-.065	-.036	-.056	-.057	-.062	-.045	-.020		.100
.150	-.087	-.035	-.062	-.069	-.065	-.062	-.033	-.027	.150
.200	-.082	-.064	-.065	-.075	-.069		-.037	-.017	.200
.250	-.070	-.087	-.063		-.086	-.082	-.047	-.027	.250
.300	-.083		-.072	-.087	-.090	-.094	-.061		.300
.350	-.079	-.098	-.089	-.080	-.094	-.098	-.059	-.036	.350
.400	-.085	-.100	-.096	-.093	-.104	-.104	-.073	-.048	.400
.450	-.089	-.094	-.117	-.087	-.098	-.115	-.086	-.054	.450
.500	-.097	-.096		-.104	-.104		-.111	-.054	.500
.650	-.108	-.119	-.119	-.125	-.126	-.136	-.124	-.069	.650
.800	-.124	-.126	-.138	-.146	-.141	-.147	-.148	-.097	.800
.950	-.136	-.135	-.125	-.118	-.119	-.131	-.128	-.103	.950
				Lower surface					
.011	.275	.306	.314	.312	.302				.011
.025							.342		.025
.050	.196	.283	.290	.291	.277	.287	.326	.321	.050
.100	.139	.220		.263	.257	.267		.303	.100
.150	.117	.184	.231		.250	.256	.286	.273	.150
.200	.101	.152	.197	.223	.237	.232	.262	.238	.200
.250	.092	.133	.172	.203	.224	.220	.243		.250
.300	.086	.109	.145	.179	.205	.211	.225	.177	.300
.350	.086	.101	.127	.154	.182	.198	.203	.147	.350
.400	.077	.082	.108	.139	.162	.185	.187	.127	.400
.450	.076	.077		.121	.137	.171	.167	.108	.450
.500	.075	.072	.079	.101		.155	.162	.094	.500
.650	.046	.047	.047	.046	.050	.107	.130	.046	.650
.800	.031	.020	.024	.019	.037	.049	.082	.005	.800
.950	.011	-.001	.001	.000	-.007	.021	.044	-.014	.950

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.069	-.068	-.065	-.092	-.084				.011
.020						-.053	-.030		.020
.050		-.078	-.086	-.088	-.085	-.062	-.047	-.041	.050
.100	-.113	-.088	-.095	-.097	-.099	-.084	-.056		.100
.150	-.132	-.083	-.100	-.106	-.099	-.095	-.063	-.054	.150
.200	-.130	-.103	-.107	-.116	-.106		-.065	-.039	.200
.250	-.114	-.123	-.106	-.109	-.123	-.116	-.072	-.049	.250
.300	-.125		-.113	-.125	-.128	-.130	-.086	-.026	.300
.350	-.118	-.139	-.120	-.120	-.132	-.132	-.082	-.053	.350
.400	-.117	-.139	-.127	-.134	-.141	-.142	-.097	-.068	.400
.450	-.123	-.127	-.148	-.126	-.132	-.140	-.107	-.070	.450
.500	-.127	-.132	-.134	-.141	-.139		-.128	-.069	.500
.650	-.130	-.142	-.146	-.154	-.162	-.159	-.140	-.092	.650
.800	-.145	-.144	-.153	-.161	-.160	-.156	-.147	-.126	.800
.950	-.151	-.158	-.148	-.145	-.145	-.151	-.147	-.126	.950
Lower surface									
.011	.344	.411	.414	.414	.398				.011
.025							.441		.025
.050	.235	.344	.377	.387	.373	.375	.415	.418	.050
.100	.179	.266		.341	.350	.356	.373	.394	.100
.150	.154	.224	.278	.316	.332	.342	.358	.354	.150
.200	.131	.192	.237	.276	.309	.310	.331	.309	.200
.250	.120	.173	.214	.253	.281	.304	.310		.250
.300	.121	.150	.186	.223	.259	.278	.294	.236	.300
.350		.140	.164	.201	.228	.259	.272	.202	.350
.400	.115	.120	.147	.183	.202	.241	.257	.174	.400
.450	.112	.110	.120	.157	.182	.218	.240	.159	.450
.500	.112	.112	.117	.142		.197		.140	.500
.650	.081	.080	.081	.088	.091	.150	.185	.078	.650
.800	.064	.051	.059	.061	.064	.081	.126	.039	.800
.950	.045	.031	.030	.033	.026	.052	.080	.001	.950
	$\alpha = 10^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.116	-.105	-.101	-.125	-.112				.011
.020						-.083	-.071		.020
.050		-.119	-.126	-.124	-.118	-.089	-.090	-.077	.050
.100	-.153	-.134	-.129	-.131	-.133	-.116	-.098		.100
.150	-.174	-.130	-.137	-.143	-.132	-.126	-.111	-.091	.150
.200	-.176	-.141	-.145	-.150	-.137		-.104		.200
.250	-.158	-.154	-.145	-.141	-.151	-.141	-.109	-.084	.250
.300	-.173		-.151	-.159	-.155	-.155	-.123		.300
.350	-.155	-.178	-.158	-.155	-.161	-.162	-.118	-.091	.350
.400	-.154	-.175	-.157	-.167	-.169	-.167	-.130	-.099	.400
.450	-.153	-.162	-.176	-.159	-.162	-.178	-.139	-.105	.450
.500	-.158	-.160	-.164	-.174	-.166		-.158	-.108	.500
.650	-.147	-.172	-.175	-.181	-.192	-.191	-.169	-.131	.650
.800	-.165	-.164	-.178	-.182	-.182	-.188	-.193	-.165	.800
.950	-.148	-.173	-.180	-.171	-.171	-.185	-.180	-.158	.950
Lower surface									
.011	.404	.505	.545	.560	.551				.011
.025							.592		.025
.050	.277	.405	.456	.490	.501	.509	.544	.562	.050
.100	.221	.315		.416	.446	.473	.487	.513	.100
.150	.189	.271	.328	.380	.409	.437	.465	.455	.150
.200	.166	.238	.289	.340	.372	.402	.434	.399	.200
.250	.156	.211	.263	.309	.339	.371	.408	.347	.250
.300	.157	.176	.232	.277	.310	.345	.378	.308	.300
.350	.164	.181	.207	.250	.282	.320	.348	.271	.350
.400	.152	.153	.191	.226	.252	.301	.332	.238	.400
.450	.154	.151	.168	.207	.231	.272		.215	.450
.500	.152	.153	.168	.190		.251	.286	.188	.500
.650		.124	.134	.137	.140	.191	.236	.127	.650
.800	.108	.093	.100	.102	.124	.132	.171	.081	.800
.950	.082	.069	.075	.076	.074	.096	.124	.034	.950

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING, SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 12^\circ$ $\beta = 0^\circ$								
	Upper surface								
.011	-.148	-.134	-.132	-.149	-.139				.011
.020						-.113	-.099		.020
.050		-.152	-.159	-.154	-.143	-.117	-.113	-.113	.050
.100	-.170	-.166	-.166	-.166	-.159	-.134	-.122		.100
.150	-.201	-.170	-.169	-.174	-.157	-.148	-.129	-.120	.150
.200	-.209	-.178	-.175	-.181	-.167		-.129	-.099	.200
.250		-.191	-.180	-.176	-.177	-.162	-.139	-.113	.250
.300	-.205		-.183	-.188	-.187	-.174	-.150	-.080	.300
.350	-.196	-.213	-.189	-.184	-.192	-.182	-.141	-.112	.350
.400	-.192	-.212	-.182	-.197	-.196	-.191	-.155	-.121	.400
.450	-.185	-.194	-.201	-.188	-.188	-.199	-.162	-.132	.450
.500	-.185	-.191	-.188	-.203	-.189		-.180	-.136	.500
.650	-.166	-.201	-.198	-.204	-.209	-.213	-.190	-.156	.650
.800	-.180	-.177	-.199	-.213	-.198	-.208	-.211	-.194	.800
.950	-.150	-.189	-.202	-.195	-.190	-.203	-.202	-.181	.950
	Lower surface								
.011	.460	.598	.655	.683	.681				.011
.025							.748		.025
.050	.323	.468	.525	.572	.588	.626	.681	.713	.050
.100	.269	.369		.480	.513	.557	.599	.632	.100
.150	.243	.328	.381	.429	.473	.513	.560	.551	.150
.200	.215	.283	.338	.391	.429	.465	.519	.484	.200
.250	.200	.257	.314	.356	.391	.442	.485	.424	.250
.300	.202	.219	.280	.325	.358	.411	.454	.372	.300
.350	.205		.260	.301	.331	.373	.422	.332	.350
.400	.196	.200	.238	.275	.304	.349	.392	.295	.400
.450	.196	.196	.212	.255	.281	.324	.369	.273	.450
.500	.193	.198	.210	.232		.305	.352	.243	.500
.650	.166	.171	.177	.179	.190	.241	.289	.168	.650
.800	.148	.133	.145	.143	.159	.180	.222	.116	.800
.950	.122	.110	.113	.116	.116	.134	.167	.072	.950
	$\alpha = 15^\circ$ $\beta = 0^\circ$								
	Upper surface								
.011	-.196	-.189	-.185	-.202	-.198				.011
.020						-.184	-.179		.020
.050		-.203	-.201	-.195	-.185	-.166	-.177	-.196	.050
.100	-.222	-.224	-.209	-.202	-.199	-.179	-.174		.100
.150	-.256	-.226	-.216	-.214	-.200	-.188	-.181	-.186	.150
.200	-.262	-.230	-.226	-.221	-.207		-.180	-.164	.200
.250	-.247	-.240	-.234	-.215	-.219	-.202	-.186	-.175	.250
.300	-.260		-.236	-.235	-.226	-.216	-.198		.300
.350	-.246	-.260	-.248	-.227	-.232	-.224	-.191	-.170	.350
.400	-.240	-.255	-.234	-.244	-.236	-.228	-.199	-.185	.400
.450	-.216	-.242	-.250	-.234	-.233	-.239	-.206	-.192	.450
.500	-.226	-.241	-.232	-.249	-.235		-.222	-.191	.500
.650	-.208	-.250	-.241	-.246	-.258	-.253	-.229	-.210	.650
.800	-.219	-.222	-.248	-.251	-.240	-.260	-.244	-.240	.800
.950	-.179	-.217	-.234	-.237	-.233	-.256	-.230	-.217	.950
	Lower surface								
.011	.518	.700	.784	.830	.833				.011
.025							.932		.025
.050	.380	.547	.629	.682	.724	.771	.847	.889	.050
.100	.323	.441		.571	.615	.679	.740	.779	.100
.150	.291	.391	.461	.513	.563	.628	.688	.679	.150
.200	.267	.347	.414	.469	.517	.578	.632	.597	.200
.250	.253	.322	.382	.435	.477	.532	.586	.522	.250
.300	.256		.353	.402	.442	.503	.555	.471	.300
.350	.265	.286		.376	.411	.467	.517	.421	.350
.400	.258	.267	.304	.344	.379	.443	.486	.377	.400
.450	.261	.263	.279	.319	.355	.420	.461	.349	.450
.500	.254	.270	.281	.297	.338	.395	.440	.320	.500
.650	.225	.233	.245	.251	.252	.315	.359	.237	.650
.800	.206	.191	.198	.209	.227	.253	.296	.172	.800
.950	.184	.164	.171	.174	.183	.196	.220	.122	.950

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^0$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 0^0$				$\beta = 0^0$				
	Upper surface								
.011	.245	.118	.080	.068	.090				.011
.020						.111	.109		.020
.050		.126	.075	.071	.069	.083	.116	.118	.050
.100	.057	.135	.076	.062	.079	.070	.102		.100
.150	.066	.085	.090	.053	.041	.059	.088	.087	.150
.200	.070	.054	.076	.055	.032		.055	.054	.200
.250	.059	.050	.051	.055	.029	.022	.043	.036	.250
.300	.048		.036	.056	.022	.016	.033	.040	.300
.350	.034	.025	.027	.036	.021	.005	.004	.009	.350
.400	.008	.018	.006	.025	.019	-.012	-.001	.001	.400
.450	.004	-.001	.001	.005	.008	-.015	-.013	-.008	.450
.500	-.015	-.013	-.019	-.002	-.001		-.019	-.016	.500
.650	-.053	-.046	-.043	-.032	-.032	-.046	-.061	-.036	.650
.800	-.077	-.081	-.071	-.061	-.062	-.061	-.083	-.050	.800
.950	-.096	-.098	-.081	-.078	-.078	-.074	-.069	-.066	.950
	Lower surface								
.011	.059	.064	.106	.108	.084				.011
.025							.113		.025
.050	.048	.048	.086	.083	.080	.084	.098	.101	.050
.100	.008	.036		.071	.069	.063	.084	.087	.100
.150	-.008	.027	.045	.063	.050	.054	.073	.068	.150
.200	-.012	.005	.030	.048	.043	.055	.058	.051	.200
.250	-.011	-.006	.020	.036	.031	.032	.045	.044	.250
.300	-.019	-.012	.006		.026	.014	.034	.021	.300
.350	-.020	-.020	-.006	.012	.011	.005	.017	.015	.350
.400	-.027	-.029	-.024	-.010	-.001	-.006	.005	.008	.400
.450	-.018	-.034	-.027	-.019	-.008	-.013	.004	-.002	.450
.500	-.036	-.037	-.043	-.032	-.020	-.023	-.015	-.011	.500
.650	-.050	-.050	-.058	-.059	-.031	-.048	-.042	-.027	.650
.800	-.069	-.077	-.076	-.092	-.090	-.063	-.075	-.051	.800
.950	-.080	-.101	-.086	-.083	-.086	-.079	-.080	-.064	.950
	$\alpha = 2^0$				$\beta = 0^0$				
	Upper surface								
.011	.157	.056	.032	.020	.035				.011
.020						.055	.067		.020
.050		.063	.022	.023	.018	.030	.062	.072	.050
.100	.011	.077	.022	.009	.011	.019	.053		.100
.150	.018	.043	.029	.002	-.006	.007	.039	.035	.150
.200	.020	.006	.028	-.002	-.014		.013	.015	.200
.250	.013	-.001	.004	-.004	-.022	-.022	-.004	.006	.250
.300	.006		-.008	.002	-.028	-.026	-.011		.300
.350	-.008	-.018	-.025	-.009	-.033	-.035	-.034	-.013	.350
.400	-.022	-.027	-.040	-.020	-.035	-.048	-.041	-.019	.400
.450	-.033	-.041	-.039	-.036	-.040	-.055	-.051	-.022	.450
.500	-.041	-.050	-.057	-.047	-.047		-.060	-.030	.500
.650	-.083	-.076	-.076	-.070	-.067	-.085	-.092	-.048	.650
.800	-.098	-.109	-.098	-.094	-.101	-.104	-.111	-.062	.800
.950	-.118	-.118	-.087	-.077	-.080	-.088	-.081	-.074	.950
	Lower surface								
.011	.114	.136	.172	.178	.179				.011
.025							.183		.025
.050	.095	.113	.147	.153	.151	.151	.165	.172	.050
.100	.045	.096		.136	.133	.130	.151	.156	.100
.150	.032	.076	.101	.121	.121	.116	.139	.133	.150
.200	.025	.046	.090	.103	.107	.115	.120	.112	.200
.250	.019	.038	.074	.093	.096	.097	.105	.089	.250
.300	.012	.027	.052		.086	.077	.092	.068	.300
.350	.012	.019	.033	.062	.069	.067	.075	.056	.350
.400	.005	.010	.023	.043	.052	.056	.062	.039	.400
.450	.012	.000	.012	.024	.045	.042	.056	.031	.450
.500	-.002	-.004	.002	.010	.031	.033	.038	.020	.500
.650	-.015	-.019	-.025	-.017	.010	-.001	.008	-.015	.650
.800	-.038	-.048	-.043	-.050	-.040	-.025	-.024	-.039	.800
.950	-.049	-.069	-.062	-.074	-.073	-.062	-.053	-.056	.950

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 4^o$ $\beta = 0^o$									
Upper surface									
.011	.071	.003	-.017	-.030	-.013				.011
.020						.007	.015		.020
.050		-.006	-.019	-.023	-.030	-.019	.020	.026	.050
.100	-.041	.020	-.023	-.033	-.036	-.029	.012		.100
.150	-.037	.002	-.021	-.040	-.054	-.041	-.001	.001	.150
.200	-.035	-.033	-.016	-.044	-.059		-.031	-.015	.200
.250	-.044	-.047	-.020	-.056	-.059	-.063	-.041	-.016	.250
.300	-.042		-.038	-.047	-.066	-.064	-.047		.300
.350	-.056	-.056	-.061	-.061	-.075	-.075	-.075	-.034	.350
.400	-.066	-.066	-.080	-.057	-.079	-.086	-.080	-.036	.400
.450	-.063	-.078	-.079	-.077	-.091	-.093	-.091	-.044	.450
.500	-.070	-.082	-.098	-.079	-.096		-.090	-.051	.500
.650	-.099	-.096	-.110	-.112	-.100	-.122	-.125	-.069	.650
.800	-.119	-.124	-.120	-.124	-.132	-.138	-.141	-.078	.800
.950	-.132	-.132	-.108	-.110	-.112	-.113	-.112	-.104	.950
Lower surface									
.011	.185	.204	.244	.254	.235				.011
.025							.263		.025
.050	.143	.184	.212	.225	.228	.226	.249	.252	.050
.100	.096	.162		.204	.211	.200	.228	.231	.100
.150	.075	.127	.165	.187	.191	.187	.213	.207	.150
.200	.069	.096	.143	.167	.175	.187	.194	.177	.200
.250	.059	.085	.123	.154	.158		.175	.158	.250
.300	.047	.072	.098	.143	.145	.147	.161	.129	.300
.350	.049	.058	.083	.115	.124	.135	.141	.111	.350
.400	.040	.047	.066	.087	.109	.121	.127	.092	.400
.450	.052	.036	.058	.071	.098	.110	.120	.075	.450
.500	.036	.037	.039	.055	.079	.095	.102	.059	.500
.650	.019	.025	.014	.020	.058	.057	.076	.023	.650
.800	.006	-.017	-.002	-.014	-.009	.028	.031	-.019	.800
.950	-.008	-.037	-.027	-.032	-.036	-.018	.002	-.040	.950
$\alpha = 6^o$ $\beta = 0^o$									
Upper surface									
.011	-.001	-.047	-.052	-.064	-.054				.011
.020						-.031	-.021		.020
.050		-.052	-.054	-.062	-.070	-.055	-.019	-.013	.050
.100	-.102	-.031	-.059	-.065	-.071	-.065	-.029		.100
.150	-.086	-.037	-.069	-.077	-.086	-.075	-.042	-.034	.150
.200	-.075	-.076	-.072	-.086	-.096		-.063	-.042	.200
.250	-.089	-.089	-.066	-.103	-.097	-.103	-.075	-.040	.250
.300	-.083		-.073	-.096	-.105	-.103	-.080		.300
.350	-.094	-.098	-.093	-.111	-.110	-.110	-.103	-.056	.350
.400	-.099	-.098	-.121	-.100	-.117	-.120	-.110	-.058	.400
.450	-.092	-.110	-.118	-.117	-.127	-.122	-.118	-.058	.450
.500	-.096	-.115	-.141		-.135		-.125	-.070	.500
.650	-.112	-.120	-.139	-.156	-.135	-.159	-.154	-.092	.650
.800	-.127	-.139	-.141	-.149	-.159	-.152	-.164	-.112	.800
.950	-.141	-.149	-.134	-.135	-.139	-.131	-.132	-.135	.950
Lower surface									
.011	.273	.294	.323	.353	.327				.011
.025							.352		.025
.050	.192	.269	.293	.310	.320	.322	.338	.334	.050
.100	.145	.216		.288	.299	.288	.310	.318	.100
.150	.123	.182	.228	.268	.276	.282	.289	.283	.150
.200	.113	.149	.197	.243	.259		.269	.244	.200
.250	.101	.133	.175	.220	.233	.245	.249	.220	.250
.300	.089	.120	.149	.205	.217	.222	.232	.186	.300
.350	.095	.105	.128	.169	.191	.206	.212	.167	.350
.400		.092	.113	.143	.172	.188	.199	.147	.400
.450	.097	.082	.103	.128	.160	.175	.192	.121	.450
.500	.083	.082	.094	.111	.137	.156	.175	.098	.500
.650	.064	.069	.069	.075	.113	.107	.136	.058	.650
.800	.043	.027	.050	.037	.049	.073	.090	.018	.800
.950	.033	.008	.023	.014	.012	.026	.051	-.011	.950

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 8^o$ $\beta = 0^o$									
Upper surface									
.011	-.077	-.109	-.107	-.106	-.104				.011
.020						-.076	-.083		.020
.050		-.116	-.097	-.106	-.118	-.099	-.078	-.056	.050
.100	-.153	-.099	-.110	-.118	-.118	-.104	-.084	-.092	.100
.150	-.151	-.097	-.120	-.128	-.134	-.116	-.089	-.077	.150
.200	-.146	-.127	-.127	-.134	-.144		-.110	-.082	.200
.250	-.153	-.141	-.125	-.148	-.142	-.146	-.121	-.077	.250
.300	-.139		-.127	-.142	-.148	-.154	-.121		.300
.350	-.147	-.155	-.142	-.158	-.153	-.154	-.140	-.093	.350
.400	-.146	-.153	-.165	-.155	-.160	-.160	-.147	-.091	.400
.450	-.125	-.162	-.165	-.168	-.172	-.161	-.154	-.098	.450
.500	-.132	-.161	-.184	-.162	-.174		-.159	-.112	.500
.650	-.146	-.153	-.180	-.190	-.186	-.191	-.189	-.140	.650
.800	-.155	-.166	-.172	-.167	-.183	-.182	-.197	-.161	.800
.950	-.149	-.174	-.166	-.172	-.177	-.168	-.168	-.176	.950
Lower surface									
.011	.339	.399	.429	.442	.421				.011
.025							.455		.025
.050	.232	.339	.378	.395	.407	.410	.432	.438	.050
.100	.186	.265		.355	.374	.378	.393	.410	.100
.150	.151	.223	.279	.323	.340	.359	.369	.368	.150
.200	.140	.189	.242	.287	.313	.345	.345	.324	.200
.250	.128	.170	.217	.259	.286	.317	.326	.288	.250
.300	.121	.154	.187	.237	.260	.288	.308	.246	.300
.350		.135	.168	.206	.232	.265	.287	.221	.350
.400	.117	.126	.149	.176	.208	.242	.267	.192	.400
.450	.130	.114	.138	.158	.193	.227	.255	.167	.450
.500	.111	.116	.121	.141	.170	.202	.236	.146	.500
.650	.097	.094	.100	.100	.141	.151	.189	.096	.650
.800	.076	.064	.075	.066	.075	.110	.129	.046	.800
.950	.063	.039	.046	.039	.046	.060	.087	.012	.950
$\alpha = 10^o$ $\beta = 0^o$									
Upper surface									
.011	-.126	-.146	-.146	-.148	-.144				.011
.020						-.107	-.113		.020
.050		-.156	-.151	-.151	-.154	-.130	-.106	-.090	.050
.100	-.192	-.160	-.158	-.155	-.165	-.142	-.114	-.112	.100
.150	-.202	-.156	-.165	-.168	-.179	-.154	-.125	-.102	.150
.200	-.202	-.169	-.176	-.174	-.181		-.145	-.106	.200
.250	-.209	-.188	-.176	-.181	-.181	-.179	-.152	-.104	.250
.300	-.202		-.169	-.176	-.182	-.180	-.158	-.085	.300
.350	-.202	-.202	-.181	-.190	-.189	-.187	-.172		.350
.400	-.195	-.198	-.201	-.190	-.195	-.197	-.176	-.114	.400
.450	-.162	-.209	-.202	-.202	-.202	-.196	-.186	-.124	.450
.500	-.166	-.204	-.223	-.201	-.211		-.187	-.144	.500
.650	-.172	-.188	-.216	-.216	-.218	-.221	-.212	-.173	.650
.800	-.179	-.190	-.203	-.202	-.210	-.215	-.223	-.197	.800
.950	-.156	-.191	-.200	-.202	-.205	-.200	-.195	-.195	.950
Lower surface									
.011	.401	.501	.546	.571	.557				.011
.025							.598		.025
.050	.280	.396	.450	.485	.504	.525	.556	.582	.050
.100	.222	.316		.418	.445	.471	.498	.533	.100
.150	.185	.272	.331	.374	.402	.442	.470	.472	.150
.200	.173	.234	.288	.336	.368	.409	.438	.413	.200
.250	.158	.204	.261	.304	.334	.376	.410	.363	.250
.300	.152	.180	.228	.282	.307	.345	.387	.316	.300
.350	.159	.178	.209	.247	.272	.320	.357	.282	.350
.400	.151	.155	.191	.218	.248	.294	.333	.254	.400
.450	.165	.153	.177	.198	.231	.273	.317	.228	.450
.500	.148	.155	.155	.184	.210	.249	.297	.200	.500
.650	.134	.134	.136	.135	.173	.191	.242	.136	.650
.800	.113	.098	.103	.094	.121	.148	.173	.081	.800
.950	.096	.072	.075	.072	.081	.093	.122	.044	.950

[redacted]

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING, SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 12^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.185	-.180	-.181	-.182	-.160				.011
.020						-.145	-.145		.020
.050		-.188	-.187	-.181	-.178	-.155	-.132	-.123	.050
.100	-.213	-.195	-.194	-.195	-.108	-.166	-.141	-.125	.100
.150	-.235	-.199	-.202	-.201	-.196	-.175	-.152	-.131	.150
.200	-.238	-.209	-.210	-.210	-.205		-.169	-.138	.200
.250	-.243	-.222	-.214	-.213	-.214	-.199	-.179	-.132	.250
.300	-.242		-.219	-.215	-.216	-.202	-.180		.300
.350	-.242	-.247	-.226	-.222	-.222	-.210	-.189	-.144	.350
.400	-.233	-.247	-.235	-.228	-.229	-.219	-.196	-.150	.400
.450	-.207	-.242	-.240	-.231	-.231	-.226	-.205	-.162	.450
.500	-.205	-.242	-.247	-.235	-.235		-.210	-.173	.500
.650	-.200	-.223	-.240	-.243	-.245	-.251	-.233	-.199	.650
.800	-.202	-.212	-.238	-.243	-.231	-.238	-.243	-.222	.800
.950	-.168	-.212	-.219	-.228	-.229	-.229	-.220	-.206	.950
Lower surface									
.011	.472	.586	.648	.675	.677				.011
.025							.743		.025
.050	.327	.460	.517	.558	.592	.623	.673	.715	.050
.100	.264	.362		.473	.511	.554	.589	.633	.100
.150	.232	.322	.374	.425	.459	.516	.553	.549	.150
.200	.208	.272	.333	.383	.421	.469	.506	.473	.200
.250	.194	.247	.305	.351	.387	.438	.472	.419	.250
.300	.185	.217	.270	.323	.361	.397	.444	.366	.300
.350	.191	.213	.253	.295	.328	.366	.405	.328	.350
.400	.182	.191	.228	.264	.302	.340	.384	.292	.400
.450	.192	.185	.215	.248	.276	.321	.366	.269	.450
.500	.185	.187	.198	.228	.260	.293	.346	.235	.500
.650	.168	.168	.172	.171	.210	.235	.282	.168	.650
.800	.145	.130	.140	.127	.154	.184	.217	.112	.800
.950	.125	.105	.112	.105	.109	.119	.157	.065	.950
	$\alpha = 15^\circ$				$\beta = 0^\circ$				
Upper surface									
.011	-.209	-.203	-.199	-.209	-.208				.011
.020						-.192	-.193		.020
.050		-.216	-.210	-.199	-.189	-.175	-.181	-.205	.050
.100	-.235	-.228	-.217	-.206	-.196	-.185	-.177		.100
.150	-.262	-.233	-.223	-.216	-.208	-.196	-.187	-.186	.150
.200	-.271	-.239	-.235	-.226	-.210		-.185	-.177	.200
.250	-.262	-.248	-.242	-.228	-.222	-.200	-.192	-.182	.250
.300	-.269		-.248	-.242	-.228	-.219	-.203		.300
.350	-.253	-.265	-.257	-.239	-.235	-.226	-.199	-.179	.350
.400	-.241	-.264	-.248	-.249	-.243	-.229	-.208	-.186	.400
.450	-.215	-.254	-.260	-.242	-.239	-.240	-.214	-.195	.450
.500	-.229	-.251	-.244	-.260	-.241		-.227	-.200	.500
.650	-.215	-.261	-.253	-.258	-.264	-.257	-.237	-.219	.650
.800	-.217	-.227	-.255	-.255	-.247	-.268	-.249	-.249	.800
.950	-.184	-.226	-.229	-.246	-.241	-.258	-.230	-.223	.950
Lower surface									
.011	.510	.688	.781	.827	.825				.011
.025							.920		.025
.050	.374	.538	.624	.683	.723	.768	.837	.884	.050
.100	.317	.443		.572	.618	.682	.732	.776	.100
.150	.282	.393	.460	.521	.563	.625	.680	.675	.150
.200	.269	.349	.415	.471	.518	.573	.624	.590	.200
.250	.256	.323	.384	.436	.477	.532	.580	.523	.250
.300	.257	.289	.352	.404	.443	.494	.549	.464	.300
.350	.263	.289	.327	.377	.409	.456	.506	.416	.350
.400	.256	.267	.302	.347	.382	.433	.475	.373	.400
.450	.263	.263	.284	.323	.357	.407	.454	.342	.450
.500	.256	.267	.276	.302	.335	.383	.429	.315	.500
.650	.228	.238	.247	.252	.271	.300	.360	.238	.650
.800	.207	.194	.204	.212	.227	.250	.294	.166	.800
.950	.183	.162	.171	.175	.189	.190	.220	.124	.950

[redacted]

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 0^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	.221	.319	.032	.027	.003				.011
.020						.096	.114		.020
.050		.210	.079	.018	.060	.079	.105	.117	.050
.100	.126	.138	.051	.022	.040	.064	.090		.100
.150	.149		.056	.039	.019	.049	.076	.084	.150
.200	.194	.049	.086	.046	.009		.055	.061	.200
.250	.169	.067	.079	.060	.012	.029	.043	.044	.250
.300	.169		.068	.084	.018	.015	.030		.300
.350	.121	.051	.047	.062	.020	.001	.019	.021	.350
.400	.079	.033	.029	.056	.019	-.015	.007	.002	.400
.450	.040	.040	.014	.041	.018	-.028	-.001	-.001	.450
.500	.012	.030	.004	.027	.018		-.013	-.006	.500
.650	-.036	-.006	-.043	-.007	-.009	-.043	-.044	-.028	.650
.800	-.054	-.065	-.071	-.047	-.040	-.055	-.077	-.050	.800
.950	-.079	-.082	-.104	-.071	-.055	-.064	-.064	-.063	.950
Lower surface									
.011	.012	-.072	.207	.138	.121				.011
.025							.132		.025
.050	-.011	-.077	.138	.133	.107	.097	.118	.126	.050
.100	-.043	-.039		.116	.093	.085	.097	.112	.100
.150	-.058	-.038	.028	.095	.089	.075	.085	.090	.150
.200	-.053	-.027	.006	.058	.082	.065	.071	.074	.200
.250	-.052	-.021	.008	.033	.070	.055	.057	.053	.250
.300	-.055	-.018	-.006	.021	.052	.037	.045	.038	.300
.350	-.042	-.014	-.013	-.006	.027	.034	.030	.024	.350
.400	-.042	-.023	-.025	-.021		.025	.019	.014	.400
.450	-.027	-.033	-.030	-.028	-.008	.019	.009	.006	.450
.500	-.036	-.030	-.042	-.038	-.027	.007	.000	.000	.500
.650	-.057	-.051	-.058	-.064	-.040	-.030	-.030	-.021	.650
.800	-.078	-.082	-.078	-.087	-.088	-.066	-.053	-.045	.800
.950	-.087	-.104	-.097	-.099	-.102	-.080	-.072	-.058	.950
$\alpha = 4^\circ$ $\beta = 0^\circ$									
Upper surface									
.011	.089	.064	.002	-.036	-.027				.011
.020						-.006	.023		.020
.050		.037	-.014		-.026	-.008	.001	.019	.050
.100	.002	.037	-.012	-.039	-.048	-.033	-.013		.100
.150	-.015	.019	-.002	-.040	-.046	-.046	-.022	-.013	.150
.200	-.014	-.035	.002	-.034	-.048		-.021	.001	.200
.250	.005	-.037	-.035	-.019	-.061	-.060	-.029	-.018	.250
.300	-.014		-.053	-.029	-.062	-.075	-.050		.300
.350	-.005	-.042	-.068	-.034	-.062	-.084	-.036	-.025	.350
.400	-.018	-.050	-.055	-.062	-.064	-.089	-.054	-.037	.400
.450	-.029	-.046	-.073	-.059	-.056	-.097	-.066	-.047	.450
.500	-.044	-.044	-.064	-.082	-.062		-.082	-.041	.500
.650	-.077	-.089	-.091	-.084	-.102	-.109	-.099	-.060	.650
.800	-.110	-.101	-.112	-.108	-.116	-.125	-.132	-.083	.800
.950	-.128	-.135	-.129	-.115	-.102	-.117	-.114	-.087	.950
Lower surface									
.011	.123	.140	.199	.244	.245				.011
.025							.263		.025
.050	.088	.124	.167	.218	.220	.220	.246	.252	.050
.100	.040	.090		.177	.201	.209		.234	.100
.150	.038	.083	.126	.156	.187	.196	.207	.206	.150
.200	.020	.057	.111	.132	.158		.193	.176	.200
.250	.011	.054	.095	.115	.145	.165	.177	.137	.250
.300	.021	.033	.073	.099	.126	.150	.164	.119	.300
.350	.021	.035	.059	.077	.108	.134	.144	.093	.350
.400	.014	.027	.042	.068	.088	.118	.131	.074	.400
.450	.007	.017	.024	.050	.068	.100		.067	.450
.500	.012	.017	.021	.037	.056	.088	.107	.051	.500
.650	-.015	-.007	-.008	-.008	-.013	.043	.065	.008	.650
.800	-.031	-.033	-.029	-.035	-.023	-.010	.024	-.021	.800
.950	-.049	-.057	-.055	-.051	-.058	-.031	-.015	-.045	.950

[redacted]

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 8^\circ$				$\beta = 0^\circ$				
	Upper surface								
.011	-.033	-.054	-.050	-.104	-.104				.011
.020						-.075	-.058		.020
.050		-.074	-.102	-.102	-.096	-.083	-.079	-.064	.050
.100	-.084	-.083	-.109	-.107	-.120	-.104	-.086		.100
.150	-.104	-.083	-.113	-.113	-.111	-.116	-.100		.150
.200	-.112	-.106	-.106	-.118	-.109		-.089	-.061	.200
.250	-.090	-.120	-.106	-.106	-.125	-.123	-.098	-.070	.250
.300	-.111		-.114	-.127	-.132	-.139	-.119		.300
.350	-.097	-.123	-.121	-.110	-.137	-.146	-.100	-.076	.350
.400	-.100	-.123	-.118	-.134	-.140	-.146	-.119	-.093	.400
.450	-.102	-.111	-.138	-.120	-.126	-.158	-.126	-.090	.450
.500	-.113	-.110	-.120	-.135	-.133		-.152	-.089	.500
.650	-.119	-.133	-.137	-.142	-.161	-.173	-.155	-.116	.650
.800	-.142	-.138	-.158	-.165	-.155	-.164	-.169	-.147	.800
.950	-.155	-.167	-.156	-.144	-.142	-.159	-.166	-.144	.950
	Lower surface								
.011	.308	.362	.408	.422	.408				.011
.025							.449		.025
.050	.202	.312	.356	.382	.387	.389	.425	.445	.050
.100	.151	.234		.332	.353	.372	.387	.418	.100
.150	.137	.203	.258	.300	.331	.350	.369	.373	.150
.200	.108	.167	.222	.262	.303	.319	.347	.328	.200
.250	.100	.152	.199	.237	.277	.308	.325		.250
.300	.108	.128	.173	.210	.249	.286	.306	.247	.300
.350	.115	.123	.158	.185	.226	.259	.287	.211	.350
.400	.104	.114	.139	.169	.199	.241	.268	.185	.400
.450	.096	.106	.114	.148	.173	.217		.169	.450
.500	.100	.108	.110	.132		.199	.237	.151	.500
.650	.072	.075	.080	.082	.076	.147	.188	.088	.650
.800	.059	.050	.049	.053	.063	.085	.126	.045	.800
.950	.039	.027	.027	.030	.027	.052	.078	.012	.950
	$\alpha = 12^\circ$				$\beta = 0^\circ$				
	Upper surface								
.011	-.126	-.134	-.120	-.166	-.176				.011
.020						-.137	-.120		.020
.050		-.149	-.169	-.168	-.178	-.132	-.140	-.125	.050
.100	-.166	-.160	-.176	-.176	-.180	-.151	-.148		.100
.150	-.188	-.154	-.174	-.184	-.169	-.167	-.165	-.134	.150
.200	-.190	-.172	-.174	-.184	-.169		-.148		.200
.250	-.167	-.184	-.175	-.172	-.190	-.172	-.158	-.124	.250
.300	-.184		-.182	-.188	-.196	-.194	-.172		.300
.350	-.165	-.200	-.193	-.180	-.195	-.195	-.155	-.125	.350
.400	-.162	-.193	-.181	-.197	-.203	-.200	-.170	-.146	.400
.450	-.161	-.174	-.202	-.181	-.188	-.222	-.180	-.152	.450
.500	-.174	-.177	-.177	-.202	-.190		-.204	-.148	.500
.650	-.163	-.181	-.193	-.196	-.216	-.225	-.202	-.170	.650
.800	-.183	-.176	-.215	-.217	-.197	-.211	-.223	-.216	.800
.950	-.167	-.201	-.191	-.187	-.188	-.223	-.217	-.193	.950
	Lower surface								
.011	.441	.562	.630	.663	.664				.011
.025							.731		.025
.050	.306	.441	.510	.552	.577	.611	.664	.712	.050
.100	.242	.348		.462	.500	.547	.574	.632	.100
.150	.216	.311	.365	.413	.456	.504	.546	.549	.150
.200	.189	.272	.326	.376	.414	.456	.503	.477	.200
.250	.174	.242	.299	.343	.383	.433	.465	.415	.250
.300	.183		.267	.307	.354	.393	.439	.368	.300
.350	.191	.214	.250	.282	.324	.358	.402	.320	.350
.400	.182	.187	.228	.265	.298	.337	.382	.290	.400
.450	.180	.183	.199	.246	.267	.313	.352	.265	.450
.500	.184	.187	.198	.227	.257	.292	.338	.236	.500
.650	.151	.154	.161	.163		.230	.275	.159	.650
.800	.138	.126	.129	.136	.155	.161	.215	.109	.800
.950	.116	.104	.101	.108	.117	.120	.152	.057	.950

[redacted]

TABLE XVII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, LOW-WING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 15^o$				$\beta = 0^o$				
Upper surface									
.011	-.221	-.199	-.188	-.224	-.217				.011
.020						-.205	-.193		.020
.050		-.212	-.224	-.215	-.199		-.193	-.218	.050
.100	-.238	-.231	-.228	-.224	-.219	-.198	-.191		.100
.150	-.259	-.226	-.232	-.231	-.214	-.206	-.202	-.204	.150
.200	-.256	-.228	-.235	-.241	-.220		-.195	-.177	.200
.250		-.242	-.236		-.240	-.217	-.202	-.190	.250
.300	-.246		-.240	-.247	-.238	-.228	-.217		.300
.350	-.221	-.256	-.245	-.235	-.250	-.235	-.202	-.184	.350
.400	-.214	-.252		-.252	-.249	-.240	-.217	-.207	.400
.450	-.202	-.235	-.253	-.235	-.242	-.255	-.225	-.204	.450
.500	-.220	-.240	-.233	-.250	-.241		-.239	-.202	.500
.650	-.208	-.233	-.242	-.249	-.257	-.268	-.242	-.224	.650
.800	-.217	-.214	-.254	-.254	-.240	-.259	-.259	-.259	.800
.950	-.188	-.232	-.231	-.239	-.238	-.263	-.245	-.229	.950
Lower surface									
.011	.491	.687	.765	.795	.809				.011
.025							.904		.025
.050	.358	.533	.615	.656	.696	.751		.870	.050
.100	.306	.430		.549	.594	.660	.709	.757	.100
.150	.281	.381	.451	.499	.539	.608	.664	.657	.150
.200	.259	.339	.402	.449	.500	.554	.612	.575	.200
.250	.242	.315	.374	.415	.458	.519	.568	.503	.250
.300	.249	.275	.337	.382	.420	.483	.535	.450	.300
.350	.258	.280	.314	.356	.388	.446	.497	.405	.350
.400	.246	.256	.292	.327	.365	.421	.469	.362	.400
.450	.253	.253	.272	.306	.343	.397	.443	.333	.450
.500	.245	.257	.261	.284	.315	.368	.422	.300	.500
.650	.215	.223	.227	.232		.295	.355	.215	.650
.800	.200	.192	.184	.189	.213	.234	.286	.158	.800
.950	.180	.158	.152	.162	.175	.180	.200	.107	.950

[redacted]

TABLE XVIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			α = 5°		β = 0°				
				Upper surface					
.012		-.068	-.053	-.039	-.042				.012
.025							-.007		.025
.050	-.122	-.082	-.064	-.051	-.049	-.027	-.019	-.021	.050
.100	-.108	-.095	-.078	-.064	-.059	-.046	-.033	-.038	.100
.150	-.101	-.108	-.087	-.076	-.068	-.056	-.040	-.046	.150
.200	-.097	-.114	-.095	-.082	-.077	-.065	-.052	-.040	.200
.250	-.089	-.108	-.101	-.088	-.083	-.078	-.062	-.040	.250
.300	-.078	-.108	-.110		-.084	-.098	-.076	-.047	.300
.350	-.079	-.103	-.117	-.101	-.098		-.085	-.055	.350
.400	-.081	-.106	-.122	-.113	-.106	-.114	-.095	-.059	.400
.450	-.082	-.106	-.127	-.121	-.113	-.121	-.102	-.062	.450
.500	-.082	-.106	-.125	-.127	-.122	-.126	-.111	-.066	.500
.650	-.096	-.111	-.132	-.149	-.141	-.144	-.138	-.081	.650
.800	-.108	-.125	-.140	-.132	-.141	-.161	-.161	-.109	.800
.950	-.123	-.136	-.135	-.127		-.135	-.140	-.128	.950
				Lower surface					
.011	.313	.384	.340	.296	.307				.011
.020						.327	.331		.020
.050		.323	.328	.296	.286	.295	.322	.315	.050
.100	.193	.256	.294	.289	.270	.264	.305	.300	.100
.150	.183	.218	.258	.270	.253	.246	.278	.260	.150
.200	.184	.186	.218	.245	.253		.250	.219	.200
.250	.167	.172	.195	.214	.235	.214	.226	.184	.250
.300	.146		.176	.197	.216	.209	.212	.180	.300
.350	.127	.135	.145	.166	.191	.200	.194	.140	.350
.400	.105	.110	.130	.151	.169	.179	.180	.121	.400
.450	.093	.103	.112	.125	.153	.173	.169	.105	.450
.500	.088	.088	.097	.112	.132	.161	.147	.078	.500
.650	.060	.056	.060	.071	.075	.113	.124	.036	.650
.800	.041	.029	.022	.029	.034	.062	.090	-.007	.800
.950	.027	.011	-.004	.000	.008	.029	.053	-.025	.950
			α = 5°		β = 2°				
				Upper surface					
.012		-.065	-.053	-.043	-.045				.012
.025							-.009		.025
.050	-.108	-.077	-.063	-.053	-.051	-.040	-.024	-.020	.050
.100	-.089	-.095	-.076	-.066	-.062	-.057	-.034	-.036	.100
.150	-.081	-.101	-.083	-.076	-.069	-.064	-.044	-.041	.150
.200	-.079	-.101	-.091	-.083	-.076	-.071	-.058	-.039	.200
.250	-.072	-.094	-.096	-.090	-.081	-.088	-.070	-.041	.250
.300	-.069	-.092	-.105		-.085	-.096	-.079	-.049	.300
.350	-.067	-.090	-.111	-.102	-.099		-.091	-.056	.350
.400	-.071	-.092	-.111	-.110	-.109	-.110	-.101	-.059	.400
.450	-.072	-.094	-.115	-.121	-.114	-.117	-.105	-.063	.450
.500	-.075	-.091	-.114	-.128	-.121	-.123	-.120	-.067	.500
.650	-.091	-.099	-.124	-.142	-.141	-.141	-.139	-.082	.650
.800	-.103	-.117	-.133	-.128	-.131	-.155	-.154	-.104	.800
.950	-.118	-.131	-.130	-.124		-.129	-.131	-.121	.950
				Lower surface					
.011	.306	.400	.352	.303	.312				.011
.020						.310	.337		.020
.050		.319	.333	.310	.292	.278	.323	.321	.050
.100	.187	.257	.286	.296	.279	.261	.293	.306	.100
.150	.183	.221	.251	.268	.266	.244	.266	.272	.150
.200	.186	.186	.221	.236	.252		.237	.230	.200
.250	.166	.165	.193	.204	.226	.222	.218	.193	.250
.300	.152		.163	.188	.203	.215	.207	.183	.300
.350	.134	.131	.141	.158	.181	.200	.190	.142	.350
.400	.116	.116	.126	.139	.159	.187	.181	.116	.400
.450	.100	.102	.112	.121	.142	.172	.173	.092	.450
.500	.097	.090	.096	.107	.124	.155	.161	.071	.500
.650	.064	.058	.055	.063	.072	.105	.121	.028	.650
.800	.054	.037	.026	.023	.035	.056	.083	-.006	.800
.950	.028	.022	.004	-.002	.008	.025	.053	-.027	.950

[redacted]

TABLE XVIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 4^\circ$									
Upper surface									
.012		-.075	-.057	-.041	-.046				.012
.025							-.020		.025
.050	-.088	-.083	-.066	-.057	-.053	-.053	-.033	-.025	.050
.100	-.073	-.098	-.081	-.070	-.064	-.063	-.050	-.039	.100
.150	-.071	-.100	-.088	-.079	-.071	-.069	-.057	-.046	.150
.200	-.073	-.095	-.096	-.085	-.078	-.077	-.069	-.045	.200
.250	-.070	-.088	-.104	-.092	-.085	-.087	-.081	-.050	.250
.300	-.069	-.090	-.107		-.088	-.096	-.092	-.056	.300
.350	-.070	-.088	-.110	-.103	-.101		-.103	-.062	.350
.400	-.073	-.094	-.108	-.113	-.108	-.107	-.111	-.068	.400
.450	-.073	-.089	-.114	-.120	-.115	-.116	-.115	-.073	.450
.500	-.076	-.087	-.109	-.122	-.124	-.122	-.124	-.076	.500
.650	-.090	-.104	-.120	-.136	-.141	-.140	-.141	-.092	.650
.800	-.104	-.121	-.132	-.132	-.129	-.147	-.149	-.115	.800
.950	-.121	-.136	-.134	-.123		-.128	-.133	-.124	.950
Lower surface									
.011	.257	.416	.376	.318	.325				.011
.020						.307	.331		.020
.050		.318	.332	.329	.309	.286	.308	.329	.050
.100	.172	.241	.288	.301	.297	.273	.282	.306	.100
.150	.170	.210	.238	.261	.279	.261	.259	.275	.150
.200	.182	.182	.206	.227	.252		.236	.233	.200
.250	.167	.166	.187	.199	.224	.239	.224	.196	.250
.300	.154		.161	.181	.206	.216	.212	.180	.300
.350	.140	.128	.139	.153	.176	.204	.201	.135	.350
.400	.124	.117	.124	.136	.154	.184	.191	.111	.400
.450	.108	.101	.107	.119	.134	.154	.177	.087	.450
.500	.100	.091	.096	.101	.120	.149	.156	.068	.500
.650	.072	.068	.061	.066	.076	.093	.114	.030	.650
.800	.063	.045	.029	.026	.028	.051	.079	-.007	.800
.950	.035	.028	.014	.006	.008	.020	.042	-.024	.950
$\alpha = 5^\circ$ $\beta = 6^\circ$									
Upper surface									
.012		-.079	-.057	-.049	-.053				.012
.025							-.038		.025
.050	-.066	-.092	-.071	-.062	-.058	-.055	-.051	-.033	.050
.100	-.063	-.100	-.083	-.075	-.070	-.068	-.066	-.047	.100
.150	-.063	-.090	-.090	-.084	-.081	-.075	-.073	-.055	.150
.200	-.071	-.088	-.102	-.094	-.084	-.083	-.085	-.057	.200
.250	-.066	-.085	-.100	-.096	-.089	-.092	-.092	-.062	.250
.300	-.063	-.090	-.100		-.091	-.102	-.100	-.069	.300
.350	-.064	-.079	-.102	-.109	-.103		-.109	-.073	.350
.400	-.066	-.089	-.101	-.119	-.113	-.114	-.116	-.082	.400
.450	-.066	-.088	-.105	-.122	-.117	-.121	-.121	-.089	.450
.500	-.066	-.088	-.107	-.124	-.127	-.128	-.127	-.096	.500
.650	-.085	-.100	-.122	-.133	-.143	-.147	-.147	-.114	.650
.800	-.100	-.121	-.129	-.137	-.136	-.151	-.152	-.128	.800
.950	-.119	-.140	-.141	-.124		-.133	-.134	-.126	.950
Lower surface									
.011	.127	.427	.410	.350	.343				.011
.020						.328	.314		.020
.050		.302	.334	.341	.332	.309	.290	.332	.050
.100	.122	.231	.266	.295	.307	.295	.279	.307	.100
.150	.133	.205	.234	.246	.269	.282	.262	.272	.150
.200	.164	.175	.196	.216	.249		.247	.238	.200
.250	.147	.163	.175	.188	.212	.237	.238	.196	.250
.300	.148		.154	.169	.192	.213	.227		.300
.350	.135	.128	.132	.145	.162	.197	.211	.141	.350
.400	.121	.115	.112	.127	.145	.177	.195	.120	.400
.450	.112	.100	.100	.111	.128	.160	.178	.099	.450
.500	.110	.092	.092	.097	.111	.141	.161	.079	.500
.650	.083	.075	.056	.066	.070	.087	.112	.033	.650
.800	.056	.052	.036	.022	.031	.045	.068	.000	.800
.950	.027	.026	.024	.012	.009	.013	.031	-.028	.950

[redacted]

TABLE XVIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 8^\circ$									
Upper surface									
.012		-.094	-.065	-.050	-.054				.012
.025							-.051		.025
.050	-.032	-.109	-.081	-.063	-.063	-.059	-.063	-.041	.050
.100	-.047	-.097	-.092	-.076	-.075	-.071	-.071	-.056	.100
.150	-.057	-.086	-.101	-.088	-.078	-.078	-.077	-.065	.150
.200	-.062	-.085	-.107	-.094	-.085	-.083	-.086	-.070	.200
.250	-.059	-.078	-.097	-.099	-.092	-.091	-.094	-.075	.250
.300	-.059	-.089	-.095		-.092	-.103	-.102	-.085	.300
.350	-.060	-.082	-.096	-.109	-.108		-.114	-.089	.350
.400	-.064	-.090	-.099	-.114	-.116	-.115	-.120	-.097	.400
.450	-.064	-.090	-.107	-.117	-.120	-.122	-.122	-.104	.450
.500	-.064	-.089	-.107	-.116	-.127	-.129	-.129	-.109	.500
.650	-.084	-.107	-.115	-.127	-.140	-.147	-.143	-.120	.650
.800	-.096	-.128	-.128	-.135	-.143	-.155	-.153	-.130	.800
.950	-.122	-.147	-.140	-.133		-.137	-.135	-.127	.950
Lower surface									
.011	.026	.439	.433	.386	.381				.011
.020						.350	.318		.020
.050		.302	.324	.348	.346	.325	.306	.320	.050
.100	.064	.231	.264	.290	.304	.306	.299	.309	.100
.150	.080	.202	.227	.245	.267	.283	.285	.268	.150
.200	.113	.169	.193	.213	.239		.259	.241	.200
.250	.115	.162	.171	.185	.202	.233	.241	.209	.250
.300	.127		.153	.169	.183	.211	.230	.199	.300
.350	.125	.129	.134	.141	.162	.188	.200	.164	.350
.400	.122	.119	.117	.126	.141	.171	.190	.139	.400
.450	.117	.105	.106	.114	.124	.153	.176	.110	.450
.500	.120	.101	.093	.093	.106	.136	.155	.085	.500
.650	.098	.082	.064	.062	.064	.076	.104	.038	.650
.800	.063	.059	.045	.019	.029	.034	.062	-.010	.800
.950	.024	.031	.028	.021	.013	.010	.034	-.038	.950
$\alpha = 5^\circ$ $\beta = 10^\circ$									
Upper surface									
.012		-.122	-.074	-.053	-.053				.012
.025							-.053		.025
.050	.037	-.121	-.089	-.065	-.062	-.066	-.063	-.058	.050
.100	-.012	-.094	-.102	-.079	-.071	-.072	-.076	-.071	.100
.150	-.039	-.065	-.103	-.091	-.079	-.079	-.081	-.082	.150
.200	-.056	-.068	-.096	-.096	-.088	-.084	-.093	-.085	.200
.250	-.053	-.075	-.089	-.102	-.098	-.091	-.101	-.090	.250
.300	-.046	-.088	-.088		-.097	-.103	-.107	-.096	.300
.350	-.044	-.081	-.096	-.103	-.110		-.111	-.100	.350
.400	-.056	-.089	-.089	-.104	-.117	-.116	-.117	-.107	.400
.450	-.063	-.090	-.094	-.106	-.123	-.123	-.123	-.110	.450
.500	-.066	-.091	-.091	-.115	-.126	-.130	-.130	-.114	.500
.650	-.083	-.109	-.106	-.120	-.134	-.149	-.145	-.128	.650
.800	-.108	-.135	-.122	-.134	-.141	-.160	-.157	-.140	.800
.950	-.126	-.149	-.141	-.141		-.141	-.138	-.127	.950
Lower surface									
.011	-.103	.445	.449	.402	.408				.011
.020						.387	.371		.020
.050		.289	.329	.343	.350	.341	.341	.334	.050
.100		.234	.261	.277	.301	.310	.320	.323	.100
.150	.041	.209	.225	.230	.256	.282	.295	.287	.150
.200	.057	.181	.195	.205	.228		.260	.262	.200
.250	.062	.169	.176	.177	.192	.221	.238		.250
.300	.080		.154	.155	.177	.197	.221	.214	.300
.350	.087	.146	.136	.137	.150	.176	.199	.169	.350
.400	.094	.122	.122	.125	.130	.156	.181	.140	.400
.450	.098	.114	.110	.112	.117	.141	.163	.118	.450
.500	.107	.105	.096	.096	.103	.130	.153	.085	.500
.650	.087	.097	.069	.063	.061	.075	.098	.038	.650
.800	.064	.064	.055	.021	.029	.038	.052	-.008	.800
.950	.028	.034	.028	.024	.009	.014	.023	-.040	.950

[redacted]

TABLE XVIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			α = 5°		β = 12°				
				Upper surface					
.012		-.153	-.079	-.057	-.053				.012
.025							-.059		.025
.050	.090	-.129	-.092	-.069	-.060	-.062	-.072	-.055	.050
.100	.037	-.089	-.105	-.084	-.072	-.069	-.082	-.065	.100
.150	-.006	-.056	-.095	-.095	-.079	-.077	-.089	-.073	.150
.200	-.044	-.065	-.086	-.101	-.089	-.082	-.094	-.077	.200
.250	-.045	-.075	-.086	-.101	-.098	-.094	-.098	-.085	.250
.300	-.041	-.086	-.082		-.098	-.104	-.103	-.095	.300
.350	-.040	-.084	-.079	-.100	-.110		-.109	-.101	.350
.400	-.053	-.095	-.081	-.103	-.116	-.120	-.117	-.108	.400
.450	-.058	-.103	-.086	-.103	-.117	-.126	-.123	-.115	.450
.500	-.064	-.102	-.086	-.101	-.117	-.132	-.127	-.117	.500
.650	-.086	-.113	-.108	-.109	-.126	-.150	-.147	-.132	.650
.800	-.118	-.130	-.126	-.130	-.130	-.160	-.160	-.134	.800
.950	-.135	-.147	-.143	-.141		-.141	-.140	-.128	.950
				Lower surface					
.011	-.144	.453	.459	.417	.432				.011
.020						.422	.406		.020
.050		.289	.328	.340	.354	.356	.365	.361	.050
.100	-.018	.216	.252	.274	.298	.314	.324	.340	.100
.150	.023	.204	.210	.225	.256	.274	.293	.302	.150
.200	.035	.191	.191	.196	.224		.258	.277	.200
.250	.047	.176	.177	.174	.181		.235	.240	.250
.300	.051		.160	.160	.173	.181	.218		.300
.350	.050	.161	.135	.142	.151	.173	.197	.181	.350
.400	.050	.133	.118	.130	.141	.153	.179	.149	.400
.450	.055	.125	.111	.111	.123	.137	.160	.130	.450
.500	.069	.113	.103	.102	.109	.124	.142	.102	.500
.650	.060	.112	.078	.064	.065	.079	.097	.048	.650
.800	.050	.065	.063	.039	.030	.041	.062	-.001	.800
.950	.021	.034	.032	.027	.022	.011	.033	-.036	.950
			α = 5°		β = 15°				
				Upper surface					
.012		-.201	-.140	-.084	-.068				.012
.025							-.068		.025
.050	.145	-.135	-.152	-.090	-.066	-.064	-.077	-.066	.050
.100	.086	-.121	-.126	-.108	-.076	-.073	-.083	-.075	.100
.150	.031	-.121	-.111	-.117	-.085	-.076	-.086	-.084	.150
.200	-.024	-.118	-.094	-.111	-.095	-.078	-.094	-.089	.200
.250	-.044	-.111	-.077	-.103	-.104	-.090	-.100	-.096	.250
.300	-.064	-.110	-.081		-.104	-.104	-.105	-.103	.300
.350	-.073	-.096	-.079	-.100	-.114		-.114	-.110	.350
.400	-.086	-.088	-.083	-.094	-.114	-.122	-.120	-.115	.400
.450	-.085	-.086	-.082	-.089	-.110	-.129	-.123	-.121	.450
.500	-.110	-.095	-.085	-.088	-.110	-.139	-.130	-.126	.500
.650	-.132	-.128	-.121	-.092	-.111	-.153	-.148	-.136	.650
.800	-.152	-.152	-.135	-.136	-.109	-.158	-.166	-.139	.800
.950	-.159	-.166	-.149	-.149		-.143	-.147	-.132	.950
				Lower surface					
.011	-.179	.247	.500	.447	.458				.011
.020						.436	.417		.020
.050		.162	.337	.353	.361	.359	.366	.394	.050
.100	-.166	.132	.259	.277	.294	.309	.315	.340	.100
.150	-.108	.104	.213	.230	.248	.265	.275	.307	.150
.200	-.038		.178	.190	.218		.239	.276	.200
.250	-.017		.171	.170	.177	.197	.217	.245	.250
.300	-.005		.163	.154	.164	.177	.196		.300
.350	-.003		.146	.129	.141	.154	.175	.188	.350
.400	-.008	.085	.135	.129	.126	.135	.155	.161	.400
.450	-.003	.082	.128	.121	.117	.117	.138	.133	.450
.500	.010	.078	.117	.103	.101	.104	.119	.108	.500
.650	.003	.068	.104	.083	.071	.063	.077	.044	.650
.800	-.009	.017	.076	.050	.049	.030	.040	-.002	.800
.950	-.028	-.010	.041	.038	.033	.001	.015	-.035	.950

[redacted]

TABLE XVIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^\circ$		$\beta = 0^\circ$				
				Upper surface					
.012		-.068	-.053	-.039	-.042				.012
.025							-.007		.025
.050	-.122	-.082	-.064	-.051	-.049	-.027	-.019	-.021	.050
.100	-.108	-.095	-.078	-.064	-.059	-.046	-.033	-.038	.100
.150	-.101	-.108	-.087	-.076	-.068	-.056	-.040	-.046	.150
.200	-.097	-.114	-.095	-.082	-.077	-.065	-.052	-.040	.200
.250	-.089	-.108	-.101	-.088	-.083	-.078	-.062	-.040	.250
.300	-.078	-.108	-.110		-.084	-.098	-.076	-.047	.300
.350	-.079	-.103	-.117	-.101	-.098		-.085	-.055	.350
.400	-.081	-.106	-.122	-.113	-.106	-.114	-.095	-.059	.400
.450	-.082	-.106	-.127	-.121	-.113	-.121	-.102	-.062	.450
.500	-.082	-.106	-.125	-.127	-.122	-.126	-.111	-.066	.500
.650	-.096	-.111	-.132	-.149	-.141	-.144	-.138	-.081	.650
.800	-.108	-.125	-.140	-.132	-.141	-.161	-.161	-.109	.800
.950	-.123	-.136	-.135	-.127		-.135	-.140	-.128	.950
				Lower surface					
.011	.313	.384	.340	.296	.307				.011
.020						.327	.331		.020
.050		.323	.328	.296	.286	.295	.322	.315	.050
.100	.193	.256	.294	.289	.270	.264	.305	.300	.100
.150	.183	.218	.258	.270	.253	.246	.278	.260	.150
.200	.184	.186	.218	.245	.253		.250	.219	.200
.250	.167	.172	.195	.214	.235	.214	.226	.184	.250
.300	.146		.176	.197	.216	.209	.212	.180	.300
.350	.127	.135	.145	.166	.191	.200	.194	.140	.350
.400	.105	.110	.130	.151	.169	.179	.180	.121	.400
.450	.093	.103	.112	.125	.153	.173	.169	.105	.450
.500	.088	.088	.097	.112	.132	.161	.147	.078	.500
.650	.060	.056	.060	.071	.075	.113	.124	.036	.650
.800	.041	.029	.022	.029	.034	.062	.090	-.007	.800
.950	.027	.011	-.004	.000	.008	.029	.053	-.025	.950
			$\alpha = 5^\circ$		$\beta = -2^\circ$				
				Upper surface					
.012		-.070	-.053	-.034	-.034				.012
.025							-.002		.025
.050	-.131	-.083	-.066	-.051	-.043	-.017	-.014	-.018	.050
.100	-.114	-.100	-.081	-.061	-.056	-.032	-.028	-.038	.100
.150	-.115	-.114	-.089	-.072	-.065	-.045	-.036	-.040	.150
.200	-.112	-.123	-.100	-.080	-.074	-.053	-.047	-.038	.200
.250	-.104	-.123	-.106	-.088	-.080	-.070	-.058	-.040	.250
.300	-.096	-.121	-.114		-.085		-.068	-.045	.300
.350	-.093	-.116	-.125	-.102	-.096		-.078	-.052	.350
.400	-.097	-.116	-.131	-.110	-.106	-.110	-.088	-.058	.400
.450	-.095	-.119	-.138	-.120	-.110	-.119	-.095	-.057	.450
.500	-.094	-.117	-.132	-.127	-.121	-.126	-.102	-.061	.500
.650	-.104	-.127	-.140	-.151	-.141	-.145	-.127	-.081	.650
.800	-.116	-.132	-.139	-.136	-.153	-.163	-.154	-.102	.800
.950	-.131	-.142	-.132	-.132	-.224	-.140	-.135	-.131	.950
				Lower surface					
.011	.317	.380	.339	.297	.309				.011
.020						.352	.338		.020
.050		.340	.323	.303	.295	.318	.325	.320	.050
.100	.212	.269	.306	.290	.274	.290	.313	.305	.100
.150	.201	.236	.271	.276	.260	.262	.295	.260	.150
.200	.193	.200	.234	.257	.255		.268	.220	.200
.250	.172	.181	.208	.234	.241	.222	.242		.250
.300	.153		.185	.208	.224	.208	.232	.181	.300
.350	.135	.143	.150	.179	.203	.198	.211	.146	.350
.400	.116	.120	.139	.162	.181	.186	.195	.130	.400
.450	.101	.108	.122	.146	.164	.175	.181	.108	.450
.500	.094	.094	.106	.125	.148	.169	.160	.097	.500
.650	.062	.061	.062	.080	.100	.121	.123	.059	.650
.800	.037	.033	.029	.036	.048	.080	.092	.020	.800
.950	.027	.006	.003	.009	.020	.040	.057	-.001	.950

[redacted]

TABLE XVIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = -4^\circ$									
Upper surface									
.012		-.059	-.039	-.027	-.025				.012
.025							.004		.025
.050	-.119	-.071	-.053	-.044	-.032	-.002	-.007	-.011	.050
.100	-.108	-.089	-.070	-.055	-.049	-.018	-.018	-.025	.100
.150	-.111	-.102	-.079	-.065	-.056	-.030	-.024	-.032	.150
.200	-.108	-.116	-.091	-.071	-.066	-.038	-.036	-.031	.200
.250	-.103	-.122	-.098	-.079	-.076	-.053	-.046	-.031	.250
.300	-.098	-.121	-.107		-.075	-.074	-.056	-.038	.300
.350	-.096	-.120	-.117	-.096	-.089		-.068	-.046	.350
.400	-.098	-.120	-.127	-.110	-.098	-.095	-.077	-.050	.400
.450	-.097	-.120	-.135	-.117	-.104	-.106	-.082	-.049	.450
.500	-.095	-.120	-.139	-.127	-.114	-.115	-.089	-.053	.500
.650	-.101	-.129	-.148	-.146	-.136	-.134	-.111	-.075	.650
.800	-.110	-.136	-.141	-.148	-.158	-.151	-.136	-.096	.800
.950	-.121	-.132	-.136	-.139	-.204	-.133	-.120	-.140	.950
Lower surface									
.011	.324	.378	.340	.295	.316				.011
.020						.364	.329		.020
.050		.356	.325	.297	.291	.335	.319	.310	.050
.100	.219	.290	.317	.283	.270	.307	.305	.300	.100
.150	.213	.252	.283	.273	.260	.274	.291	.254	.150
.200	.204	.216	.251	.260	.250		.269	.219	.200
.250	.177	.197	.224	.236	.237	.226	.252	.180	.250
.300	.160		.201	.220	.230	.209	.243		.300
.350	.139	.155	.167	.195	.211	.195	.223	.140	.350
.400	.124	.134	.146	.174	.194	.181	.205	.127	.400
.450	.106	.115	.134	.153	.175	.167	.187	.114	.450
.500	.104	.101	.115	.134	.159	.167	.169	.098	.500
.650	.071	.069	.073	.090	.104	.129	.126	.059	.650
.800	.043	.036	.036	.043	.057	.086	.087	.033	.800
.950	.028	.010	.003	.012	.029	.047	.048	.010	.950
$\alpha = 5^\circ$ $\beta = -6^\circ$									
Upper surface									
.012		-.050	-.031	-.013	-.011				.012
.025							.002		.025
.050	-.114	-.064	-.045	-.030	-.017	.008	-.005	-.005	.050
.100	-.102	-.079	-.062	-.044	-.036	-.006	-.018	-.019	.100
.150	-.109	-.097	-.073	-.053	-.045	-.015	-.020	-.026	.150
.200	-.105	-.111	-.084	-.063	-.053	-.024	-.033	-.023	.200
.250	-.103	-.121	-.090	-.069	-.062	-.038	-.044	-.024	.250
.300	-.102	-.123	-.102		-.065	-.060	-.052	-.033	.300
.350	-.100	-.123	-.114	-.089	-.082		-.064	-.040	.350
.400	-.104	-.128	-.123	-.103	-.090	-.083	-.073	-.047	.400
.450	-.100	-.126	-.130	-.109	-.096	-.090	-.079	-.051	.450
.500	-.100	-.127	-.133	-.116	-.105	-.105	-.086	-.057	.500
.650	-.102	-.135	-.148	-.140	-.127	-.127	-.108	-.077	.650
.800	-.107	-.147	-.139	-.152	-.150	-.149	-.132	-.105	.800
.950	-.118	-.137	-.133	-.135	-.186	-.129	-.110	-.175	.950
Lower surface									
.011	.346	.375	.342	.290	.325				.011
.020						.358	.333		.020
.050		.361	.318	.303	.297	.337	.321	.317	.050
.100	.230	.295	.318	.281	.279	.316	.304	.298	.100
.150	.216	.256	.291	.269	.255	.295	.289	.254	.150
.200	.208	.217	.258	.263	.248		.269	.217	.200
.250	.187	.201	.230	.245	.231	.236	.253	.182	.250
.300	.169		.199	.227	.229	.213	.245		.300
.350	.146	.162	.177	.199	.216	.203	.227	.145	.350
.400	.124	.132	.155	.183	.201	.183	.211	.133	.400
.450	.106	.119	.136	.159	.180	.176	.201	.119	.450
.500	.107	.104	.118	.142	.162	.169	.180	.105	.500
.650	.071	.069	.071	.094	.104	.136	.135	.077	.650
.800	.048	.030	.036	.043	.068	.099	.092	.048	.800
.950	.024	.007	.003	.013	.029	.059	.049	.027	.950

[redacted]

TABLE XVIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5°$				$\beta = -8°$				
Upper surface									
.012		-.033	-.017	.001	.009				.012
.025							.009		.025
.050	-.101	-.052	-.034	-.017	-.002	.019	.000	.011	.050
.100	-.091	-.069	-.050	-.031	-.021	.007	-.007	-.006	.100
.150	-.097	-.085	-.062	-.041	-.033	-.002	-.009	-.014	.150
.200	-.096	-.103	-.075	-.050	-.041	-.009	-.024	-.011	.200
.250	-.095	-.113	-.083	-.057	-.052	-.024	-.032	-.017	.250
.300	-.099	-.117	-.092		-.059	-.044	-.043	-.023	.300
.350	-.098	-.120	-.105	-.077	-.070		-.057	-.031	.350
.400	-.102	-.123	-.114	-.088	-.082	-.068	-.066	-.040	.400
.450	-.098	-.122	-.123	-.097	-.085	-.081	-.070	-.043	.450
.500	-.101	-.124	-.126	-.107	-.097	-.090	-.077	-.049	.500
.650	-.102	-.134	-.145	-.128	-.121	-.116	-.098	-.069	.650
.800	-.102	-.145	-.135	-.152	-.143	-.139	-.122	-.109	.800
.950	-.108	-.143	-.128	-.131	-.169	-.123	-.101	-.185	.950
Lower surface									
.011	.356	.391	.355	.303	.349				.011
.020						.363	.338		.020
.050		.376	.331	.310	.310	.338	.328	.330	.050
.100	.240	.306	.334	.289	.284	.324	.312	.305	.100
.150	.233	.269	.310	.278	.262	.305	.295	.256	.150
.200	.219	.232	.276	.271	.254		.274	.220	.200
.250	.192	.211	.248	.254	.234	.254	.255	.188	.250
.300	.174		.222	.242	.231	.233	.248		.300
.350	.156	.170	.196	.212	.221	.214	.232	.151	.350
.400	.137	.146	.168	.191	.210	.192	.222	.140	.400
.450	.120	.130	.151	.168	.195	.184	.208	.128	.450
.500	.122	.113	.128	.144	.172	.172	.190	.111	.500
.650	.085	.079	.085	.102	.120	.135	.141	.090	.650
.800	.062	.041	.047	.055	.071	.098	.096	.059	.800
.950	.038	.020	.005	.019	.036	.065	.045	.043	.950
	$\alpha = 5°$				$\beta = -10°$				
Upper surface									
.012		-.019	-.001	.011	.028				.012
.025							.025		.025
.050	-.084	-.036	-.021	-.007	.014	.027	.012	.023	.050
.100	-.075	-.056	-.038	-.023	-.007	.013	.002	.004	.100
.150	-.082	-.073	-.050	-.033	-.020	.004	-.004	-.004	.150
.200	-.084	-.091	-.063	-.043	-.034	-.005	-.015	-.001	.200
.250	-.084	-.101	-.071	-.051	-.045	-.018	-.025	-.007	.250
.300	-.089	-.108	-.083	-.049	-.052	-.036	-.034	-.014	.300
.350	-.091	-.115	-.096	-.071	-.065		-.047	-.025	.350
.400	-.098	-.121	-.108	-.084	-.076	-.056	-.056	-.032	.400
.450	-.092	-.121	-.115	-.095	-.081	-.068	-.062	-.037	.450
.500	-.098	-.123	-.122	-.103	-.091	-.079	-.072	-.043	.500
.650	-.102	-.131	-.145	-.127	-.115	-.104	-.095	-.066	.650
.800	-.103	-.143	-.136	-.150	-.145	-.130	-.114	-.128	.800
.950	-.103	-.130	-.129	-.131	-.134	-.118	-.094	-.198	.950
Lower surface									
.011	.368	.393	.364	.308	.368				.011
.020						.365	.344		.020
.050		.390	.333	.313	.324	.344	.328	.329	.050
.100	.254	.326	.333	.289	.292	.331	.314	.302	.100
.150	.239	.281	.316	.274	.271	.312	.298	.253	.150
.200	.225	.240	.284	.273	.259		.270	.222	.200
.250	.200	.221	.256	.261	.238	.267	.260	.193	.250
.300	.181		.228	.246	.229	.245	.250		.300
.350	.165	.175	.200	.222	.218	.223	.236	.159	.350
.400	.142	.151	.175	.202	.208	.200	.224	.147	.400
.450	.126	.137	.158	.181	.195	.189	.211	.134	.450
.500	.130	.121	.135	.158	.182	.174	.195	.119	.500
.650	.088	.083	.090	.105	.133	.131	.153	.085	.650
.800	.074	.046	.050	.055	.076	.103	.095	.068	.800
.950	.050	.025	.014	.022	.041	.072	.050	.048	.950

[redacted]

TABLE XVIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING CONFIGURATION - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
				$\alpha = 5^\circ$		$\beta = -12^\circ$			
				Upper surface					
.012		.001	.019	.030	.051				.012
.025							.046		.025
.050	-.063	-.015	.001	.013	.038	.042	.036	.047	.050
.100	-.058	-.038	-.018	-.006	.013	.031	.017	.026	.100
.150	-.068	-.056	-.034	-.020	-.001	.020	.011	.018	.150
.200	-.068	-.076	-.046	-.028	-.018	.009	.000	.018	.200
.250	-.069	-.089	-.056	-.037	-.032	-.005	-.012	.008	.250
.300	-.077	-.095	-.069		-.036	-.018	-.020	.002	.300
.350	-.082	-.103	-.087	-.058	-.051		-.034	-.009	.350
.400	-.087	-.108	-.091	-.070	-.063	-.038	-.046	-.023	.400
.450	-.082	-.110	-.102	-.082	-.070	-.049	-.049	-.024	.450
.500	-.087	-.114	-.110	-.091	-.079	-.057	-.058	-.030	.500
.650	-.093	-.122	-.135	-.115	-.106	-.090	-.079	-.058	.650
.800	-.098	-.133	-.132	-.141	-.127	-.120	-.101	-.140	.800
.950	-.098	-.122	-.121	-.123	-.096	-.104	-.079	-.193	.950
				Lower surface					
.011	.384	.409	.374	.325	.394				.011
.020						.379			.020
.050			.343	.332	.355	.358			.050
.100	.271	.334	.338	.312	.321	.346			.100
.150	.258	.291	.328	.294	.289	.331			.150
.200	.241	.251	.301	.283	.276				.200
.250	.214	.235	.275	.276	.256	.286			.250
.300	.195		.245	.266	.244	.269			.300
.350	.181	.189	.217	.239	.234	.248			.350
.400	.160	.164	.190	.220	.225	.220			.400
.450	.141	.148	.169	.197	.206				.450
.500	.141	.129	.148	.178	.197				.500
.650	.104	.096	.097	.124	.142				.650
.800	.090	.052	.055	.072	.090				.800
.950	.066	.036	.022	.031	.056				.950
				$\alpha = 5^\circ$		$\beta = -15^\circ$			
				Upper surface					
.012		.038	.050	.056	.085				.012
.025							.068		.025
.050	-.026	.019	.028	.039	.068	.068	.052	-.014	.050
.100	-.021	-.007	.008	.020	.043	.051	.036	-.031	.100
.150	-.031	-.027	-.005	.005	.030	.046	.031	-.034	.150
.200	-.039	-.051	-.021	-.006	.013	.034	.018	-.036	.200
.250	-.044	-.063	-.032	-.015	-.002	.026	.007	-.043	.250
.300	-.047	-.076	-.046	-.019	-.014	.005	-.007	-.050	.300
.350	-.055	-.081	-.062	-.037	-.028		-.018	-.055	.350
.400	-.062	-.088	-.070	-.049	-.040	-.017	-.027	-.064	.400
.450	-.063	-.091	-.085	-.059	-.050	-.027	-.037	-.060	.450
.500	-.062	-.092	-.090	-.072	-.058	-.038	-.045	-.064	.500
.650	-.076	-.108	-.121	-.101	-.088	-.071	-.069	-.126	.650
.800	-.077	-.119	-.122	-.126	-.114	-.107	-.091	-.231	.800
.950	-.081	-.108	-.110	-.108		-.092	-.071	-.202	.950
				Lower surface					
.011	.415	.449	.415	.350	.431				.011
.020						.415	.387		.020
.050		.452	.380	.357	.386	.389	.374	.276	.050
.100	.312	.374	.379	.339	.348	.373	.359		.100
.150	.290	.330	.368	.318	.318	.358	.343	.213	.150
.200	.276	.281	.334	.308	.301		.314	.182	.200
.250	.249	.265	.302	.300	.279	.316	.301	.159	.250
.300	.235		.275	.291	.269	.295	.289		.300
.350	.214	.214	.241	.265	.254	.280	.269	.147	.350
.400	.193	.190	.218	.247	.242	.255	.259	.139	.400
.450	.178	.177	.195	.227	.231	.239	.247	.139	.450
.500	.181	.159	.174	.205	.220	.223	.230	.139	.500
.650	.147	.125	.124	.149	.174	.172	.176	.127	.650
.800	.122	.083	.085	.097	.121	.135	.133	.105	.800
.950	.104	.064	.049	.062	.082	.104	.091	.082	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION

(a) $\delta_c = 0^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^o$			$\beta = 0^o$					
Upper surface									
.012		-.049	-.049	-.040	-.034				.012
.025							.004		.025
.050	-.065	-.059	-.066	-.050	-.045	-.036	-.011	-.006	.050
.100	-.057	-.072	-.075	-.065	-.058	-.049	-.026	-.021	.100
.150	-.056	-.083	-.079	-.065	-.069	-.056	-.034	-.031	.150
.200	-.060	-.083	-.089	-.079	-.072	-.063	-.044	-.027	.200
.250	-.060	-.078	-.089	-.087	-.085	-.077	-.060	-.027	.250
.300	-.060	-.081	-.094		-.079	-.097	-.071	-.030	.300
.350	-.062	-.079	-.101	-.091	-.094		-.087	-.038	.350
.400	-.071	-.085	-.098	-.101	-.107	-.110	-.096	-.044	.400
.450	-.075	-.089	-.104	-.108	-.108	-.121	-.101	-.049	.450
.500	-.073	-.089	-.103	-.110	-.113	-.122	-.113	-.047	.500
.650	-.091	-.100	-.107	-.124	-.132	-.141	-.134	-.075	.650
.800	-.103	-.117	-.120	-.127	-.133	-.154	-.151	-.097	.800
.950	-.117	-.129	-.116	-.107	-.115	-.127	-.127	-.117	.950
Lower surface									
.011	.207	.335	.356	.318	.335				.011
.020						.333	.354		.020
.050		.281	.317	.321	.308	.307	.338	.345	.050
.100	.146	.223	.279	.301	.295	.288	.316	.322	.100
.150	.133	.191	.240	.276	.276	.265	.289	.287	.150
.200	.139	.164	.206	.239	.263		.255	.238	.200
.250	.132	.155	.183	.218	.240	.238	.235	.202	.250
.300	.120		.161	.195	.217	.223	.223	.194	.300
.350	.112	.119	.138	.175	.190	.211	.208	.150	.350
.400	.100	.101	.120	.145	.174	.194	.192	.131	.400
.450	.087	.094	.104	.132	.148	.178	.182	.110	.450
.500	.083	.080	.092	.107	.134	.163	.167	.083	.500
.650	.055	.057	.052	.069	.086	.113	.132	.041	.650
.800	.045	.026	.026	.029	.045	.066	.089	.005	.800
.950	.020	.013	.005	.000	.014	.031	.055	-.016	.950
	$\alpha = 5^o$			$\beta = 2^o$					
Upper surface									
.012		-.043	-.050	-.049	-.051				.012
.025							-.014		.025
.050	-.045	-.053	-.066	-.060	-.062	-.049	-.027	-.023	.050
.100	-.043	-.066	-.073	-.076	-.073	-.063	-.045	-.030	.100
.150	-.046	-.072	-.078		-.072	-.070	-.052	-.043	.150
.200	-.049	-.071	-.081	-.087	-.079	-.079	-.066	-.039	.200
.250	-.050	-.069	-.084	-.087	-.087	-.092	-.079	-.040	.250
.300	-.051		-.087		-.087	-.102	-.087	-.044	.300
.350	-.055	-.073	-.097	-.098	-.103		-.100	-.049	.350
.400	-.062	-.082	-.095	-.104	-.105	-.114	-.109	-.053	.400
.450	-.066	-.082	-.097	-.110	-.113	-.116	-.110	-.060	.450
.500	-.069	-.081	-.096	-.107	-.117	-.122	-.122	-.065	.500
.650	-.087	-.102	-.108	-.123	-.136	-.147	-.139	-.081	.650
.800	-.100	-.117	-.121	-.132	-.136	-.142	-.143	-.105	.800
.950	-.121	-.139	-.128	-.117	-.122	-.124	-.127	-.120	.950
Lower surface									
.011	.153	.325	.352	.336	.337				.011
.020						.316	.346		.020
.050		.266	.312	.326	.321	.297	.330	.338	.050
.100	.129	.208	.268	.296	.301	.283	.302	.317	.100
.150	.132	.180	.228	.262	.281	.272	.273	.288	.150
.200	.131	.155	.196	.233	.255		.248	.240	.200
.250	.124	.147	.175	.199	.227	.241	.233	.198	.250
.300	.117		.156	.181	.206	.226	.220	.188	.300
.350	.110	.114	.134	.157	.181	.215	.206	.147	.350
.400	.093	.099	.117	.139	.160	.185	.195	.117	.400
.450	.084	.087	.105	.120	.139	.174	.185	.094	.450
.500	.086	.079	.090	.100	.115	.160	.167	.072	.500
.650	.062	.059	.052	.064	.071	.104	.127	.037	.650
.800	.055	.033	.028	.026	.038	.061	.080	.003	.800
.950	.028	.019	.007	.005	.010	.024	.047	-.020	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^o$		$\beta = 4^o$				
				Upper surface					
.012		-.030	-.043	-.050	-.047				.012
.025							-.036		.025
.050	-.027	-.044	-.053	-.058	-.055	-.058	-.053	-.034	.050
.100	-.027	-.055	-.058	-.073	-.068	-.068	-.071	-.044	.100
.150	-.032	-.055	-.065	-.066	-.078	-.076	-.079	-.058	.150
.200	-.039	-.056	-.073	-.082	-.083	-.082	-.090	-.055	.200
.250	-.039	-.055	-.075	-.085	-.088	-.088	-.096	-.058	.250
.300	-.039	-.060	-.077		-.085	-.108	-.108	-.069	.300
.350	-.041	-.063	-.082	-.092	-.102		-.116	-.070	.350
.400	-.046	-.068	-.085	-.097	-.105	-.120	-.124	-.075	.400
.450	-.053	-.071	-.087	-.103	-.108	-.124	-.122	-.087	.450
.500	-.053	-.070	-.090	-.102	-.113	-.133	-.134	-.089	.500
.650	-.078	-.091	-.104	-.114	-.130	-.153	-.149	-.105	.650
.800	-.094	-.114	-.121	-.128	-.136	-.146	-.146	-.129	.800
.950	-.117	-.134	-.133	-.116	-.121	-.132	-.134	-.134	.950
				Lower surface					
.011	.102	.316	.340	.341	.358				.011
.020						.327	.328		.020
.050		.238	.296	.320	.334	.307	.303	.341	.050
.100	.097	.190	.245	.281	.302	.295	.286	.313	.100
.150	.109	.165	.209	.242	.270	.282	.266	.277	.150
.200	.107	.137	.183	.209	.247		.249	.235	.200
.250	.106	.132	.161	.188	.218	.238	.236	.196	.250
.300	.105		.140	.167	.196	.217	.228	.183	.300
.350	.097	.106	.119	.140	.167	.205	.211	.134	.350
.400	.086	.090	.106	.125	.148	.183	.200	.118	.400
.450	.081	.082	.096	.106	.128	.166	.186	.093	.450
.500	.083	.071	.083	.088	.114	.148	.165	.074	.500
.650	.063	.055	.053	.053	.068	.097	.117	.036	.650
.800	.055	.033	.025	.013	.033	.050	.077	-.001	.800
.950	.027	.021	.011	-.002	.006	.016	.041	-.022	.950
			$\alpha = 5^o$		$\beta = 8^o$				
				Upper surface					
.012		-.043	-.028	-.038	-.051				.012
.025							-.050		.025
.050	.023	-.068	-.047	-.044	-.056	-.057	-.059	-.047	.050
.100	-.006	-.043	-.064	-.057	-.063	-.063	-.075	-.057	.100
.150	-.020	-.037	-.065	-.051	-.071	-.066	-.081	-.073	.150
.200	-.032	-.044	-.060	-.071	-.072	-.075	-.088	-.077	.200
.250	-.034	-.044	-.058	-.072	-.081	-.084	-.092	-.078	.250
.300	-.034	-.060	-.064		-.077	-.102	-.097	-.085	.300
.350	-.034	-.053	-.069	-.076	-.091		-.108	-.087	.350
.400	-.044	-.066	-.075	-.078	-.096	-.114	-.111	-.092	.400
.450	-.049	-.068	-.082	-.082	-.096	-.116	-.121	-.098	.450
.500	-.056	-.069	-.075	-.087	-.095	-.123	-.126	-.103	.500
.650	-.081	-.095	-.094	-.103	-.108	-.140	-.145	-.117	.650
.800	-.103	-.117	-.110	-.121	-.127	-.140	-.130	-.133	.800
.950	-.124	-.136	-.130	-.127	-.117	-.121	-.123	-.116	.950
				Lower surface					
.011	-.062	.341	.331	.325	.374				.011
.020						.380	.359		.020
.050		.224	.260	.291	.319	.341	.343	.338	.050
.100	.044	.178	.208	.246	.285	.305	.325	.328	.100
.150	.051	.151	.180	.209	.244	.273	.300	.295	.150
.200	.064	.127	.151	.178	.221		.270	.263	.200
.250	.055	.120	.130	.158	.180	.218	.238	.227	.250
.300	.060		.116	.138	.164	.197	.230	.214	.300
.350	.060	.095	.102	.113	.139	.175	.203	.166	.350
.400	.055	.082	.090	.102	.120	.153	.192	.144	.400
.450	.060	.076	.079	.088	.107	.148	.172	.118	.450
.500	.069	.067	.071	.075	.091	.132	.152	.095	.500
.650	.062	.057	.039	.035	.053	.076	.109	.036	.650
.800	.046	.032	.030	.006	.022	.036	.069	.001	.800
.950	.018	.011	.011	.007	.001	.011	.027	-.036	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^o$		$\beta = 12^o$				
				Upper surface					
.012		-.130	-.039	-.031	-.049				.012
.025							-.070		.025
.050	.108	-.093	-.056	-.040	-.051	-.065	-.081	-.072	.050
.100	.045	-.037	-.077	-.057	-.062	-.072	-.090	-.087	.100
.150	-.005	-.039	-.064	-.057	-.065	-.077	-.093	-.096	.150
.200	-.034	-.049	-.059	-.077	-.072	-.082	-.098	-.098	.200
.250	-.045	-.047	-.058	-.075	-.079	-.091	-.107	-.100	.250
.300	-.055	-.059	-.058		-.082	-.110	-.113	-.107	.300
.350	-.060	-.066	-.053	-.072	-.091		-.122	-.108	.350
.400	-.071	-.083	-.062	-.072	-.091	-.117	-.129	-.114	.400
.450	-.064	-.085	-.079	-.076	-.093	-.125	-.130	-.120	.450
.500	-.070	-.085	-.082	-.077	-.091	-.127	-.134	-.123	.500
.650	-.095	-.097	-.096	-.106	-.106	-.143	-.149	-.139	.650
.800	-.128	-.127	-.120	-.127	-.130	-.151	-.158	-.143	.800
.950	-.145	-.145	-.140	-.142	-.142	-.136	-.136	-.133	.950
				Lower surface					
.011	-.084	.398	.385	.334	.376				.011
.020						.422	.420		.020
.050		.247	.277	.285	.310	.351	.375	.390	.050
.100	-.037	.184	.221	.225	.266	.304	.339	.347	.100
.150	.036	.168	.181	.192	.222		.295	.313	.150
.200	.056	.153	.153	.165	.199		.259	.277	.200
.250	.042	.165	.142	.146	.160	.196	.225	.246	.250
.300	.033		.133	.133	.147	.183	.213	.232	.300
.350	.024	.135	.121	.108	.125	.164	.190	.189	.350
.400	.026	.105	.100	.109	.111	.134	.171	.157	.400
.450	.030	.105	.091	.101	.108	.127	.157	.130	.450
.500	.047	.095	.082	.087	.097	.115	.134	.104	.500
.650	.048	.089	.063	.054	.056	.069	.090	.050	.650
.800	.043	.054	.050	.024	.031	.038	.050	-.001	.800
.950	.009	.023	.022	.022	.016	.009	.024	-.035	.950
			$\alpha = 5^o$		$\beta = 15^o$				
				Upper surface					
.012		-.173	-.084	-.028	-.032				.012
.025							-.066		.025
.050	.094	-.110	-.103	-.044	-.037	-.063	-.075	-.085	.050
.100	.052	-.079	-.106	-.062	-.050	-.062	-.081	-.089	.100
.150	.004	-.077	-.082	-.070	-.059	-.068	-.085	-.097	.150
.200	-.039	-.070	-.075	-.085	-.066	-.077	-.092	-.097	.200
.250	-.059	-.066	-.045	-.078	-.077	-.078	-.092	-.103	.250
.300	-.081	-.070	-.058		-.081	-.096	-.098	-.111	.300
.350	-.091	-.065	-.055	-.074	-.092		-.107	-.116	.350
.400	-.110	-.084	-.063	-.074	-.088	-.110	-.113	-.121	.400
.450	-.103	-.096	-.076	-.070	-.094	-.120	-.120	-.129	.450
.500	-.127	-.106	-.081	-.063	-.092	-.129	-.123	-.133	.500
.650	-.140	-.134	-.108	-.096	-.092	-.138	-.147	-.142	.650
.800	-.151	-.165	-.135	-.126	-.119	-.145	-.164	-.142	.800
.950	-.161	-.175	-.153	-.156	-.142	-.126	-.138	-.135	.950
				Lower surface					
.011	-.097	.259	.440	.370	.383				.011
.020						.411	.418		.020
.050		.198	.308	.300	.309	.337	.368	.404	.050
.100	-.111	.173	.234	.240	.245	.289	.315	.337	.100
.150	-.069	.169	.199	.200	.213	.251	.275	.314	.150
.200	-.024	.155	.176	.175	.193		.240	.280	.200
.250	-.006	.164	.157	.151	.152	.180	.205	.250	.250
.300	.003		.145	.135	.144	.163	.193	.236	.300
.350	.001		.134	.119	.127	.152	.172	.190	.350
.400	.001	.137	.115	.112	.114	.130	.154	.169	.400
.450	-.001	.138	.115	.102	.102	.111	.141	.142	.450
.500	.013	.131	.107	.092	.093	.102	.122	.115	.500
.650	.006	.108	.084	.063	.063	.062	.076	.044	.650
.800	.006	.052	.058	.042	.042	.034	.044	.006	.800
.950	-.029	.022	.028	.030	.027	.006	.015	-.027	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^o$		$\beta = 0^o$				
				Upper surface					
.012		-.049	-.049	-.040	-.034				.012
.025							.004		.025
.050	-.065	-.059	-.066	-.050	-.045	-.036	-.011	-.006	.050
.100	-.057	-.072	-.075	-.065	-.058	-.049	-.026	-.021	.100
.150	-.056	-.083	-.079	-.065	-.069	-.056	-.034	-.031	.150
.200	-.060	-.083	-.089	-.079	-.072	-.063	-.044	-.027	.200
.250	-.060	-.078	-.089	-.087	-.085	-.077	-.060	-.027	.250
.300	-.060	-.081	-.094		-.079	-.097	-.071	-.030	.300
.350	-.062	-.079	-.101	-.091	-.094		-.087	-.038	.350
.400	-.071	-.085	-.098	-.101	-.107	-.110	-.096	-.044	.400
.450	-.075	-.089	-.104	-.108	-.108	-.121	-.101	-.049	.450
.500	-.073	-.089	-.103	-.110	-.113	-.122	-.113	-.047	.500
.650	-.091	-.100	-.107	-.124	-.132	-.141	-.134	-.075	.650
.800	-.103	-.117	-.120	-.127	-.133	-.154	-.151	-.097	.800
.950	-.117	-.129	-.116	-.107	-.115	-.127	-.127	-.117	.950
				Lower surface					
.011	.207	.335	.356	.318	.335				.011
.020						.333	.354		.020
.050		.281	.317	.321	.308	.307	.338	.345	.050
.100	.146	.223	.279	.301	.295	.288	.316	.322	.100
.150	.133	.191	.240	.276	.276	.265	.289	.287	.150
.200	.139	.164	.206	.239	.263		.255	.238	.200
.250	.132	.155	.183	.218	.240	.238	.235	.202	.250
.300	.120		.161	.195	.217	.223	.223	.194	.300
.350	.112	.119	.138	.175	.190	.211	.208	.150	.350
.400	.100	.101	.120	.145	.174	.194	.192	.131	.400
.450	.087	.094	.104	.132	.148	.178	.182	.110	.450
.500	.083	.080	.092	.107	.134	.163	.167	.083	.500
.650	.055	.057	.052	.069	.086	.113	.132	.041	.650
.800	.045	.026	.026	.029	.045	.066	.089	.005	.800
.950	.020	.013	.005	.000	.014	.031	.055	-.016	.950
			$\alpha = 5^o$		$\beta = -2^o$				
				Upper surface					
.012		-.068	-.058	-.041	-.031				.012
.025							.004		.025
.050	-.097	-.077	-.076	-.052	-.044	-.019	-.013	-.025	.050
.100	-.082	-.090	-.084	-.065	-.056	-.045	-.026	-.037	.100
.150	-.083	-.100	-.094	-.072	-.069	-.052	-.032	-.044	.150
.200	-.084	-.108	-.100	-.082	-.077	-.062	-.043	-.037	.200
.250	-.083	-.105	-.101	-.091	-.085	-.073	-.055	-.038	.250
.300	-.083	-.102	-.109			-.096	-.064	-.039	.300
.350	-.083	-.100	-.116	-.102	-.097		-.078	-.045	.350
.400	-.092	-.104	-.121	-.113	-.108	-.114	-.091	-.047	.400
.450	-.092	-.107	-.128	-.117	-.111	-.122	-.096	-.051	.450
.500	-.094	-.107	-.113	-.126	-.122	-.129	-.108	-.053	.500
.650	-.105	-.122	-.124	-.142	-.137	-.147	-.140	-.072	.650
.800	-.116	-.135	-.135	-.134	-.151	-.164	-.158	-.098	.800
.950	-.127	-.142	-.124	-.123	-.129	-.142	-.137	-.122	.950
				Lower surface					
.011	.250	.352	.357	.309	.337				.011
.020						.358	.353		.020
.050		.304	.325	.314	.304	.324	.339	.311	.050
.100	.168	.245	.297	.295	.289	.295	.323	.311	.100
.150	.156	.213	.260	.280	.269	.274	.298	.265	.150
.200	.163	.183	.220	.255	.258		.270	.227	.200
.250	.154	.168	.198	.228	.245	.232	.247	.190	.250
.300	.140		.180	.201	.225	.223	.233	.195	.300
.350	.128	.133	.154	.177	.202	.211	.210	.156	.350
.400	.110	.119	.135	.159	.178	.198	.195	.136	.400
.450	.096	.105	.119	.135	.162	.181	.183	.120	.450
.500	.096	.091	.105	.121	.143	.168	.164	.097	.500
.650	.061	.068	.061	.071	.092	.115	.134	.059	.650
.800	.043	.033	.029	.037	.049	.069	.092	.020	.800
.950	.021	.015	.006	.002	.019	.036	.055	-.008	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^o$		$\beta = -4^o$				
				Upper surface					
.012		-.068	-.055	-.037	-.027				.012
.025							.005		.025
.050	-.114	-.082	-.075	-.059	-.038	-.011	-.004	-.027	.050
.100	-.103	-.096	-.081	-.062	-.053	-.032	-.017	-.034	.100
.150	-.103	-.108	-.094	-.074	-.065	-.040	-.024	-.045	.150
.200	-.101	-.120	-.101	-.085	-.075	-.053	-.036	-.038	.200
.250	-.100	-.119	-.106	-.096	-.084	-.069	-.050	-.040	.250
.300	-.096	-.122	-.120		-.085	-.088	-.055	-.045	.300
.350	-.096	-.116	-.125	-.107	-.102		-.069	-.049	.350
.400	-.103	-.121	-.134	-.120	-.109	-.100	-.079	-.057	.400
.450	-.103	-.120	-.138	-.132	-.113	-.110	-.083	-.061	.450
.500	-.103	-.122	-.136	-.135	-.125	-.120	-.094	-.057	.500
.650	-.110	-.135	-.149	-.155	-.147	-.139	-.122	-.078	.650
.800	-.116	-.144	-.153	-.154	-.165	-.157	-.152	-.095	.800
.950	-.129	-.144	-.140	-.141	-.141	-.139	-.128	-.135	.950
				Lower surface					
.011	.273	.354	.343	.310	.337				.011
.020						.366	.346		.020
.050		.318	.322	.319	.310	.335	.333	.290	.050
.100		.258	.301	.295	.288	.303	.321	.291	.100
.150	.170	.219	.270	.275	.267	.276	.301	.240	.150
.200	.171	.189	.235	.256	.261		.277	.203	.200
.250	.154	.175	.201	.233	.245	.235	.256	.168	.250
.300	.143		.177	.209	.228	.222	.245	.176	.300
.350	.128	.132	.159	.180	.206	.205	.222	.147	.350
.400		.117	.135	.159	.188	.194	.208	.131	.400
.450	.093	.105	.124	.135	.168	.177	.189	.118	.450
.500	.090	.089	.103	.121	.154	.171	.168	.103	.500
.650	.056	.061	.064	.077	.093	.131	.131	.065	.650
.800	.037	.027	.028	.031	.051	.082	.092	.034	.800
.950	.019	.003	-.005	.006	.023	.048	.049	.009	.950
			$\alpha = 5^o$		$\beta = -8^o$				
				Upper surface					
.012		-.050	-.027	-.013	-.008				.012
.025							-.002		.025
.050	-.119	-.075	-.050	-.031	-.018	.006	-.015	-.015	.050
.100	-.109	-.088	-.061	-.043	-.032	-.008	-.027	-.027	.100
.150	-.122	-.103	-.075	-.055	-.046	-.014	-.028	-.038	.150
.200	-.116	-.125	-.085	-.065	-.055	-.021	-.039	-.036	.200
.250	-.119	-.139	-.095	-.077	-.069	-.032	-.044	-.036	.250
.300	-.122	-.142	-.107		-.071	-.061	-.052	-.044	.300
.350	-.119	-.145	-.116	-.094	-.087		-.066	-.045	.350
.400	-.123	-.147	-.133	-.106	-.096	-.082	-.076	-.056	.400
.450	-.113	-.142	-.141	-.115	-.100	-.094	-.080	-.063	.450
.500	-.120	-.142	-.146	-.122	-.110	-.106	-.091	-.069	.500
.650	-.118	-.156	-.160	-.147	-.133	-.134	-.112	-.087	.650
.800	-.119	-.171	-.156	-.173	-.156	-.148	-.132	-.141	.800
.950	-.121	-.167	-.147	-.159	-.141	-.131	-.108	-.208	.950
				Lower surface					
.011	.348	.388	.359	.325	.346				.011
.020						.372	.335		.020
.050		.367	.335	.328	.321	.351	.325	.317	.050
.100	.238	.300	.326	.308	.301	.337	.314	.298	.100
.150	.216	.265	.303	.297	.283	.314	.302	.241	.150
.200	.206	.227	.270	.288	.268		.281	.211	.200
.250	.183	.206	.238	.272	.252	.263	.268	.183	.250
.300	.166		.211	.249	.244	.241	.256	.184	.300
.350	.149	.155	.188	.219	.233	.225	.244	.146	.350
.400	.129	.140	.160	.197	.219	.205	.231	.131	.400
.450	.115	.119	.143	.174	.202	.195	.211	.118	.450
.500	.106	.108	.125	.156	.182	.185	.199	.108	.500
.650	.075	.066	.076	.099	.129	.154	.149	.078	.650
.800	.049	.031	.033	.058	.077	.112	.096	.062	.800
.950	.027	.009	.008	.016	.043	.075	.054	.038	.950

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TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = -12^\circ$									
Upper surface									
.012		-.004	.024	.032	.051				.012
.025							.040		.025
.050	-.064	-.022	-.011	.013	.040	.051	.026	.051	.050
.100	-.059	-.039	-.019	.000	.014	.033	.006	.028	.100
.150	-.072	-.059	-.037	-.015	-.006	.025	.000	.019	.150
.200	-.071	-.079	-.041	-.024	-.020	.013	-.011	.019	.200
.250	-.071	-.094	-.053	-.036	-.034	.001	-.022	.013	.250
.300	-.076	-.103	-.067		-.032	-.019	-.027	.000	.300
.350	-.077	-.108	-.081	-.053	-.049		-.039	-.006	.350
.400	-.086	-.110	-.094	-.065	-.058	-.038	-.046	-.017	.400
.450	-.082	-.112	-.104	-.078	-.062	-.046	-.049	-.025	.450
.500	-.088	-.112	-.110	-.085	-.076	-.058	-.062	-.030	.500
.650	-.094	-.129	-.130	-.112	-.101	-.092	-.077	-.056	.650
.800	-.104	-.141	-.129	-.139	-.129	-.112	-.096	-.153	.800
.950	-.091	-.134	-.117	-.121	-.111	-.099	-.072	-.187	.950
Lower surface									
.011	.376	.397	.377	.329	.388				.011
.020						.387	.335		.020
.050		.400	.338	.332	.346	.365	.328	.349	.050
.100	.269	.337	.341	.313	.316	.349	.309	.302	.100
.150	.248	.300	.328	.296	.285	.331	.294	.260	.150
.200	.239	.257	.297	.286	.271		.274	.231	.200
.250	.216	.237	.272	.281	.255		.261	.199	.250
.300	.196		.240	.266	.240	.262	.254	.204	.300
.350	.181	.185	.213	.241	.231	.246	.241		.350
.400	.157	.155	.188	.223	.220	.218	.230	.149	.400
.450	.143	.143	.166	.199	.209		.218	.136	.450
.500	.140	.127	.148	.176	.203	.188	.201	.122	.500
.650	.106	.085	.093	.115	.146	.143	.157	.094	.650
.800	.079	.050	.055	.071	.101	.108	.100	.069	.800
.950	.054	.029	.023	.038	.056	.080	.055	.051	.950
$\alpha = 5^\circ$ $\beta = -15^\circ$									
Upper surface									
.012		.031	.052	.052	.085				.012
.025							.045		.025
.050	-.035	.013	.024	.037	.065	.072	.037	-.006	.050
.100	-.027	-.012	.007	.019	.044	.058	.017	-.030	.100
.150	-.035	-.033	-.011	.006	.027	.048	.018	-.025	.150
.200	-.046	-.057	-.022	-.006	.009	.034	.008	-.008	.200
.250	-.047	-.072	-.032	-.017	-.005	.030	-.006	-.007	.250
.300	-.052	-.083	-.046		-.012	.002	-.018	-.002	.300
.350	-.057	-.083	-.058	-.037	-.027		-.030	-.005	.350
.400	-.069	-.092	-.071	-.046	-.037	-.020	-.037	-.012	.400
.450	-.065	-.091	-.083	-.059	-.045	-.027	-.041	-.011	.450
.500	-.066	-.092	-.091	-.070	-.077	-.039	-.051	-.013	.500
.650	-.080	-.116	-.119	-.099	-.003	-.072	-.070	-.053	.650
.800	-.080	-.127	-.118	-.124	-.109	-.103	-.088	-.190	.800
.950	-.080	-.116	-.104	-.112	-.096	-.084	-.063	-.176	.950
Lower surface									
.011	.410	.439	.404	.346	.430				.011
.020						.411	.366		.020
.050		.436	.370	.353	.381	.390	.353	.275	.050
.100	.301	.366	.366	.335	.345	.372	.331		.100
.150	.275	.328	.357	.317	.313	.355	.318	.210	.150
.200	.265	.281	.325	.307	.296		.294	.203	.200
.250	.243	.258	.293	.306	.281	.317	.280	.196	.250
.300	.222		.266	.293	.266	.299	.274		.300
.350	.202	.201	.233	.266	.250	.275	.259	.185	.350
.400	.184	.180	.206	.243	.240	.255	.248	.184	.400
.450	.170	.166	.184	.223	.230	.237	.238	.170	.450
.500	.168	.150	.166	.198	.219	.223	.222	.161	.500
.650	.135	.115	.121	.140	.162	.171	.177	.133	.650
.800	.120	.082	.075	.089	.117	.133	.119	.105	.800
.950	.096	.062	.043	.049	.077	.094	.084	.082	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^o$ $\beta = 0^o$									
Upper surface									
.012		-.020	-.060	-.065	-.057				.012
.025							-.008		.025
.050	-.027	-.032	-.077	-.082	-.071	-.057	-.024	-.017	.050
.100	-.022	-.041	-.075	-.091	-.082	-.070	-.038	-.021	.100
.150	-.030	-.056	-.075	-.084	-.091	-.077	-.047	-.033	.150
.200	-.037	-.065	-.079	-.101	-.096	-.086	-.061	-.028	.200
.250	-.039	-.070	-.084	-.101	-.101	-.093	-.072	-.035	.250
.300	-.043	-.082	-.089		-.098	-.104	-.082	-.037	.300
.350	-.047	-.082	-.085	-.109	-.114		-.092	-.045	.350
.400	-.060	-.083	-.093	-.111	-.124	-.123	-.105	-.054	.400
.450	-.060	-.091	-.095	-.110	-.127	-.128	-.114	-.056	.450
.500	-.070	-.098	-.101	-.117	-.131	-.132	-.119	-.058	.500
.650	-.092	-.105	-.114	-.122	-.141	-.150	-.141	-.080	.650
.800	-.109	-.128	-.127	-.138	-.138	-.143	-.158	-.103	.800
.950	-.122	-.140	-.138	-.127	-.128	-.131	-.136	-.129	.950
Lower surface									
.011	.151	.255	.389	.353	.349				.011
.020						.342	.358		.020
.050		.226	.320	.353	.334	.311	.346	.355	.050
.100	.102	.185	.268	.308	.319	.292	.318	.325	.100
.150	.095	.165	.227	.268	.285	.280	.294	.297	.150
.200	.106	.143	.199	.238	.266		.265	.250	.200
.250	.104	.136	.172	.208	.243	.251	.254	.213	.250
.300	.099		.156	.180	.213	.237	.235	.200	.300
.350	.101	.112	.131	.157	.187	.220	.220	.159	.350
.400	.087	.100	.114	.140	.158	.199	.206	.135	.400
.450	.085	.094	.101	.120	.147	.183	.197	.116	.450
.500	.083	.083	.091	.104	.124	.166	.180	.097	.500
.650	.064	.056	.052	.059	.073	.118	.136	.045	.650
.800	.044	.033	.027	.027	.043	.065	.094	.013	.800
.950	.022	.015	.001	.007	.008	.031	.055	-.007	.950
$\alpha = 5^o$ $\beta = 2^o$									
Upper surface									
.012		-.005	-.057	-.067	-.066				.012
.025							-.026		.025
.050	-.011	-.015	-.069	-.082	-.077	-.063	-.040	-.025	.050
.100	-.015	-.030	-.065	-.084	-.082	-.072	-.059	-.035	.100
.150	-.030	-.040	-.067		-.089	-.083	-.067	-.047	.150
.200	-.028	-.052	-.075	-.086	-.095	-.089	-.078	-.048	.200
.250	-.035	-.056	-.076	-.085	-.099	-.104	-.090	-.052	.250
.300	-.034	-.066	-.084		-.095	-.112	-.098	-.053	.300
.350	-.035	-.070	-.085	-.086	-.110		-.109	-.061	.350
.400	-.046	-.077	-.096	-.095		-.124	-.115	-.066	.400
.450	-.050	-.084	-.095	-.099	-.110	-.128	-.125	-.073	.450
.500	-.058	-.082	-.101	-.098	-.117	-.130	-.132	-.075	.500
.650	-.082	-.103	-.110	-.110	-.127	-.150	-.151	-.097	.650
.800	-.103	-.122	-.123	-.129	-.140	-.135	-.143	-.118	.800
.950	-.121	-.140	-.138	-.123	-.124	-.130	-.132	-.130	.950
Lower surface									
.011	.134	.229	.357	.383	.373				.011
.020						.332	.354		.020
.050		.200	.285	.346	.358	.319	.336	.356	.050
.100	.090	.169	.250	.299	.326	.308	.309	.333	.100
.150	.087	.150	.218	.261	.293	.299	.285	.297	.150
.200	.097	.129	.185	.227	.263		.263	.252	.200
.250	.090	.123	.164	.205	.234	.261	.252	.215	.250
.300	.087		.145	.181	.206	.238	.240	.200	.300
.350	.085	.101	.127	.156	.180	.222	.227	.151	.350
.400	.076	.090	.111	.136	.164	.199	.213	.131	.400
.450	.073	.085	.097	.118	.147	.175	.201	.108	.450
.500	.076	.074	.087	.101	.124	.159	.180	.091	.500
.650	.063	.057	.058	.066	.073	.108	.134	.047	.650
.800	.055	.034	.027	.027	.040	.057	.086	.015	.800
.950	.034	.022	.008	.008	.017	.027	.050	-.003	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^o$		$\beta = 4^o$				
				Upper surface					
.012		.013	-.027	-.064	-.073				.012
.025							-.047		.025
.050	.020	-.006	-.035		-.080	-.072	-.058	-.041	.050
.100	.001	-.013	-.039	-.069	-.083	-.082	-.072	-.047	.100
.150	-.011	-.020	-.050	-.080	-.090	-.085	-.079	-.059	.150
.200	-.011	-.030	-.053	-.073	-.093	-.092	-.089	-.058	.200
.250	-.019	-.033	-.058	-.075	-.097	-.099	-.097	-.065	.250
.300	-.024	-.046	-.069		-.091	-.108	-.103	-.067	.300
.350	-.018	-.038	-.070	-.080	-.103		-.112	-.076	.350
.400	-.033	-.053	-.080	-.083	-.101	-.117	-.119	-.079	.400
.450	-.043	-.061	-.080	-.095	-.099	-.119	-.124	-.086	.450
.500	-.044	-.060	-.089	-.092	-.103	-.129	-.131	-.089	.500
.650	-.067	-.086	-.098	-.106	-.116	-.145	-.150	-.110	.650
.800	-.091	-.110	-.118	-.127	-.135	-.136	-.134	-.131	.800
.950	-.116	-.127	-.134	-.132	-.119	-.124	-.129	-.132	.950
				Lower surface					
.011	.084	.252	.299	.375	.410				.011
.020						.365	.335		.020
.050		.198	.257	.326	.359	.349	.319	.346	.050
.100	.082	.143	.221	.289	.314	.330	.300	.322	.100
.150	.090	.128	.192	.251	.280	.306	.292	.284	.150
.200	.097	.113	.162	.216	.256		.270	.245	.200
.250	.090	.113	.151	.190	.226	.250	.251	.206	.250
.300	.085		.129	.163	.198	.230	.243	.183	.300
.350	.080	.100	.118	.148	.175	.214	.227	.148	.350
.400	.067	.085	.105	.130	.151	.184	.207	.127	.400
.450	.065	.080	.094	.116	.137	.162	.190	.108	.450
.500	.066	.074	.087	.100	.121	.148	.170	.085	.500
.650	.060	.055	.055	.072	.072	.097	.122	.041	.650
.800	.057	.036	.028	.021	.044	.050	.078	.002	.800
.950	.040	.027	.010	.007	.017	.017	.038	-.020	.950
			$\alpha = 5^o$		$\beta = 8^o$				
				Upper surface					
.012		-.013	.019	-.021	-.067				.012
.025							-.061		.025
.050	.058	-.008	-.001	-.028	-.065	-.072	-.071	-.053	.050
.100	.031	.004	-.025	-.039	-.061		-.084	-.066	.100
.150	.007	-.002	-.022	-.035	-.063	-.071	-.084	-.078	.150
.200	-.009	-.002	-.020	-.054	-.067	-.082	-.090	-.080	.200
.250	-.022	-.008	-.019	-.054		-.092	-.098	-.088	.250
.300	-.024	-.032	-.028		-.071	-.105	-.104	-.092	.300
.350	-.020	-.027	-.031	-.058	-.080		-.110	-.098	.350
.400	-.030	-.037	-.046	-.066	-.084	-.112	-.114	-.103	.400
.450	-.039	-.041	-.053	-.071	-.078	-.112	-.119	-.103	.450
.500	-.046	-.041	-.064	-.079	-.086	-.117	-.127	-.106	.500
.650	-.072	-.067	-.082	-.103	-.099	-.118	-.148	-.123	.650
.800	-.093	-.098	-.106	-.115	-.123	-.132	-.127	-.131	.800
.950	-.121	-.123	-.125	-.134	-.128	-.119	-.123	-.117	.950
				Lower surface					
.011	.043	.261	.286	.291	.396				.011
.020						.427	.393		.020
.050		.193	.228	.268	.325	.364	.366	.357	.050
.100	.059	.154	.176	.226	.280	.320	.340	.337	.100
.150	.060	.134	.152	.192	.244		.306	.306	.150
.200	.077	.122	.131	.170	.218		.272	.273	.200
.250	.069	.115	.119	.152	.191	.229	.256	.238	.250
.300	.066		.111	.135	.170	.204	.236	.222	.300
.350	.064	.100	.097	.120	.148	.187	.215	.178	.350
.400	.055	.076	.083	.101	.128	.165	.195	.140	.400
.450	.055	.069	.078	.092	.119	.149	.179	.126	.450
.500	.052	.063	.070	.083	.099	.126	.151	.101	.500
.650	.055	.056	.044	.057	.064	.086	.108	.051	.650
.800	.048	.042	.031	.021	.030	.040	.071	.000	.800
.950	.022	.024	.020	.012	.007	.012	.033	-.033	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 12^\circ$									
Upper surface									
.012		-.102	-.021	-.009	-.045				.012
.025							-.070		.025
.050	.084	-.027	-.041	-.020	-.047	-.083	-.082	-.075	.050
.100	.067	-.009	-.044	-.047	-.046	-.091	-.090	-.085	.100
.150	.033	-.009	-.026	-.046	-.053	-.088	-.088	-.094	.150
.200	-.017	-.009	-.019	-.065	-.064	-.088	-.102	-.095	.200
.250	-.039	-.009	-.011	-.053	-.073	-.090	-.109	-.101	.250
.300	-.054	-.034	-.020		-.075	-.096	-.112	-.108	.300
.350	-.060	-.027	-.030	-.050	-.081		-.124	-.111	.350
.400	-.071	-.046	-.046	-.050	-.081	-.111	-.125	-.112	.400
.450	-.083	-.059	-.054	-.054	-.077	-.112	-.127	-.120	.450
.500	-.079	-.066	-.069	-.066	-.082	-.118	-.135	-.122	.500
.650	-.103	-.101	-.095	-.095	-.099	-.123	-.141	-.141	.650
.800	-.121	-.129	-.116	-.123	-.128	-.136	-.148	-.141	.800
.950	-.147	-.143	-.137	-.140	-.144	-.130	-.129	-.131	.950
Lower surface									
.011	.009	.268	.330	.287	.336				.011
.020						.418	.427		.020
.050		.195	.236	.245	.269	.346	.379	.391	.050
.100	-.022	.152	.184	.197	.238	.296	.334	.344	.100
.150	-.009	.142	.157	.162	.200	.262	.283	.307	.150
.200	.027	.120	.133	.141	.177		.252	.271	.200
.250	.044	.123	.118	.126	.152	.209	.236	.243	.250
.300	.038		.106	.113	.133	.180	.207		.300
.350	.031	.121	.095	.097	.118	.159	.187	.178	.350
.400	.022	.095	.081	.087	.104	.140	.168	.151	.400
.450	.021	.086	.076	.078	.094	.122	.152	.121	.450
.500	.033	.081	.069	.069	.083	.111	.123	.099	.500
.650	.026	.084	.056	.043	.049	.059	.087	.035	.650
.800	.020	.045	.037	.017	.023	.028	.040	-.009	.800
.950	-.007	.017	.019	.016	.012	.000	.014	-.045	.950
$\alpha = 5^\circ$ $\beta = 15^\circ$									
Upper surface									
.012		.008	-.085	-.013	-.013				.012
.025							-.073		.025
.050	.038	.043	-.089	-.028	-.028	-.066	-.075	-.077	.050
.100	.031	.032	-.052	-.058	-.037	-.063	-.082	-.082	.100
.150	.009	.020	-.030	-.058	-.044	-.057	-.086	-.090	.150
.200	-.022	-.004	-.024	-.058	-.064	-.067	-.096	-.086	.200
.250	-.047	-.025	-.018	-.053	-.063	-.073	-.098	-.098	.250
.300	-.064	-.047	-.030		-.059	-.088	-.096	-.104	.300
.350	-.075	-.050	-.034	-.046	-.061		-.102	-.110	.350
.400	-.096	-.072	-.048	-.048	-.060	-.105	-.106	-.118	.400
.450	-.098	-.093	-.039	-.052	-.067	-.108	-.114	-.123	.450
.500	-.119	-.114	-.060	-.046	-.065	-.110	-.115	-.127	.500
.650	-.143	-.141	-.109	-.089	-.072	-.112	-.134	-.144	.650
.800	-.138	-.166	-.131	-.119	-.112	-.129	-.149	-.138	.800
.950	-.155	-.179	-.145	-.140	-.136	-.123	-.129	-.123	.950
Lower surface									
.011	-.012	.086	.390	.312	.323				.011
.020						.382	.415		.020
.050		.057	.252	.251	.261	.309	.359	.408	.050
.100	-.052	.076	.198	.195	.205	.263	.305	.353	.100
.150	-.054	.094	.172	.168	.176	.229	.266	.313	.150
.200	-.041	.083	.150	.144	.156		.235	.273	.200
.250	-.013	.097	.131	.126	.137	.172	.220	.250	.250
.300	.001		.118	.112	.126	.152	.187	.236	.300
.350	.005	.099	.102	.094	.102	.137	.171	.191	.350
.400	-.001	.090	.091	.084	.090	.120	.152	.159	.400
.450	-.006	.092	.088	.072	.079	.111	.135	.137	.450
.500	.000	.092	.085	.067	.065	.094	.115	.113	.500
.650	-.010	.084	.070	.045	.040	.047	.076	.051	.650
.800	-.016	.037	.045	.014	.028	.020	.036	-.001	.800
.950	-.036	.002	.016	.009	.014	-.002	.003	-.041	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
				$\alpha = 5^\circ$		$\beta = 0^\circ$			
				Upper surface					
.012		-.020	-.060	-.065	-.057				.012
.025							-.008		.025
.050	-.027	-.032	-.077	-.082	-.071	-.057	-.024	-.017	.050
.100	-.022	-.041	-.075	-.091	-.082	-.070	-.038	-.021	.100
.150	-.030	-.056	-.075	-.084	-.091	-.077	-.047	-.033	.150
.200	-.037	-.065	-.079	-.101	-.096	-.086	-.061	-.028	.200
.250	-.039	-.070	-.084	-.101	-.101	-.093	-.072	-.035	.250
.300	-.043	-.082	-.089		-.098	-.104	-.082	-.037	.300
.350	-.047	-.082	-.085	-.109	-.114		-.092	-.045	.350
.400	-.060	-.083	-.093	-.111	-.124	-.123	-.105	-.054	.400
.450	-.060	-.091	-.095	-.110	-.127	-.128	-.114	-.056	.450
.500	-.070	-.098	-.101	-.117	-.131	-.132	-.119	-.058	.500
.650	-.092	-.105	-.114	-.122	-.141	-.150	-.141	-.080	.650
.800	-.109	-.128	-.127	-.138	-.138	-.143	-.158	-.103	.800
.950	-.122	-.140	-.138	-.127	-.128	-.131	-.136	-.129	.950
				Lower surface					
.011	.151	.255	.389	.353	.349				.011
.020						.342	.358		.020
.050		.226	.320	.353	.334	.311	.346	.355	.050
.100	.102	.185	.268	.308	.319	.292	.318	.325	.100
.150	.095	.165	.227	.268	.285	.280	.294	.297	.150
.200	.106	.143	.199	.238	.266		.265	.250	.200
.250	.104	.136	.172	.208	.243	.251	.254	.213	.250
.300	.099		.156	.180	.213	.237	.235	.200	.300
.350	.101	.112	.131	.157	.187	.220	.220	.159	.350
.400	.087	.100	.114	.140	.158	.199	.206	.135	.400
.450	.085	.094	.101	.120	.147	.183	.197	.116	.450
.500	.083	.083	.091	.104	.124	.166	.180	.097	.500
.650	.064	.056	.052	.059	.073	.118	.136	.045	.650
.800	.044	.033	.027	.027	.043	.065	.094	.013	.800
.950	.022	.015	.001	.007	.008	.031	.055	-.007	.950
				$\alpha = 5^\circ$		$\beta = -2^\circ$			
				Upper surface					
.012		-.054	-.072	-.054	-.041				.012
.025							.000		.025
.050	-.051	-.056	-.085	-.073	-.064	-.033	-.009	-.011	.050
.100	-.041	-.064	-.079	-.086	-.070	-.053	-.026	-.019	.100
.150	-.052	-.080	-.089	-.079	-.080	-.060	-.030	-.031	.150
.200	-.052	-.085	-.092	-.097	-.092	-.077	-.043	-.026	.200
.250	-.057	-.088	-.095	-.099	-.096	-.078	-.056	-.026	.250
.300	-.064	-.090	-.099			-.097	-.066	-.031	.300
.350	-.075	-.088	-.099	-.112	-.109	-.104	-.082	-.037	.350
.400	-.084	-.096	-.102	-.118	-.118	-.116	-.090	-.041	.400
.450	-.080	-.102	-.106	-.122	-.122	-.124	-.102	-.041	.450
.500	-.090	-.104	-.111	-.119	-.129	-.132	-.108	-.045	.500
.650	-.099	-.112	-.118	-.129	-.145	-.150	-.131	-.077	.650
.800	-.116	-.130	-.129	-.142	-.145	-.161	-.154	-.101	.800
.950	-.124	-.140	-.140	-.127	-.131	-.137	-.130	-.122	.950
				Lower surface					
.011	.179	.299	.397	.333	.349				.011
.020						.355	.365		.020
.050		.255	.333	.348	.325	.328	.356	.320	.050
.100	.118	.212	.282	.316	.308	.299	.332	.306	.100
.150	.109	.188	.248	.282	.296	.283	.308	.282	.150
.200	.121	.159	.215	.249	.276		.277	.238	.200
.250	.120	.147	.191	.223	.250	.251	.259	.207	.250
.300	.114		.166	.192	.223	.237	.238	.198	.300
.350	.113	.129	.142	.169	.197	.229	.223	.157	.350
.400	.101	.108	.126	.143	.176	.211	.206	.138	.400
.450	.092	.099	.112	.126	.157	.190	.194	.122	.450
.500	.084	.083	.099	.111	.141	.171	.175	.102	.500
.650	.058	.063	.056	.069	.085	.124	.134	.059	.650
.800	.031	.036	.029	.029	.048	.076	.101	.020	.800
.950	.013	.006	.006	.002	.012	.034	.057	-.001	.950

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TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = -4^\circ$									
Upper surface									
.012		-.066	-.064	-.051	-.038				.012
.025							.013		.025
.050	-.075	-.067	-.076	-.067	-.046	-.024	.000	-.018	.050
.100	-.064	-.076	-.085	-.082	-.059	-.035	-.013	-.030	.100
.150	-.071	-.093	-.092	-.079	-.070	-.051	-.019	-.039	.150
.200	-.075	-.098	-.099	-.096	-.082	-.063	-.027	-.035	.200
.250	-.082	-.097	-.102	-.103	-.091	-.073	-.044		.250
.300	-.095	-.097	-.110		-.093	-.083	-.052	-.040	.300
.350	-.090	-.102	-.112	-.115	-.105		-.063	-.044	.350
.400	-.104	-.106	-.118	-.123	-.115	-.103	-.076	-.048	.400
.450	-.102	-.109	-.116	-.134	-.124	-.109	-.086	-.048	.450
.500	-.109	-.109	-.123	-.142	-.129	-.118	-.091	-.047	.500
.650	-.110	-.121	-.130	-.155	-.154	-.136	-.123	-.065	.650
.800	-.121	-.132	-.147	-.148	-.169	-.158	-.143	-.086	.800
.950	-.131	-.142	-.138	-.137	-.135	-.137	-.123	-.116	.950
Lower surface									
.011	.203	.350	.394	.339	.361				.011
.020						.384	.358		.020
.050		.297	.353	.342	.336	.350	.350	.304	.050
.100	.140	.252	.315	.325	.313	.318	.339	.291	.100
.150	.143	.216	.271	.294	.299	.294	.320	.248	.150
.200	.155	.187	.236	.268	.285		.293	.213	.200
.250	.142	.171	.211	.241	.261	.254	.273	.178	.250
.300	.141		.183	.215	.241	.241	.258	.184	.300
.350	.134	.137	.157	.190	.218	.229	.240	.155	.350
.400	.112	.124	.138	.164	.194	.215	.219	.141	.400
.450	.105	.116	.123	.145	.178	.204	.202	.128	.450
.500	.099	.098	.114	.128	.157	.184	.183	.114	.500
.650	.071	.071	.072	.084	.097	.134	.143	.078	.650
.800	.038	.038	.028	.043	.059	.087	.108	.042	.800
.950	.024	.013	.008	.015	.028	.050	.062	.022	.950
$\alpha = 5^\circ$ $\beta = -8^\circ$									
Upper surface									
.012		-.054	-.022	-.019	-.001				.012
.025							.009		.025
.050	-.102	-.065	-.046	-.031	-.021	.014	.001	.008	.050
.100	-.093	-.084	-.058	-.052	-.035	-.004	-.014	-.005	.100
.150	-.110	-.105	-.070	-.051	-.043	-.012	-.021	-.019	.150
.200	-.110	-.112	-.083	-.072	-.052	-.027	-.033	-.015	.200
.250	-.110	-.119	-.091	-.083	-.059	-.035	-.038	-.022	.250
.300	-.115	-.122	-.102		-.065	-.050	-.046	-.031	.300
.350	-.110	-.127	-.112	-.095	-.086		-.059	-.038	.350
.400	-.115	-.129	-.129	-.106	-.095	-.071	-.070	-.045	.400
.450	-.110	-.129	-.128	-.111	-.102	-.080	-.076	-.050	.450
.500	-.115	-.131	-.142	-.122	-.101	-.095	-.083	-.057	.500
.650	-.116	-.137	-.154	-.151	-.131	-.123	-.101	-.078	.650
.800	-.114	-.151	-.154	-.170	-.149	-.149	-.121	-.127	.800
.950	-.119	-.147	-.143	-.145	-.134	-.117	-.096	-.175	.950
Lower surface									
.011	.276	.423	.399	.347	.368				.011
.020						.377	.339		.020
.050		.373	.371	.350	.340	.363	.330	.322	.050
.100	.214	.302	.355	.328	.321	.347	.314	.309	.100
.150	.212	.263	.320	.316	.302	.321	.298	.247	.150
.200	.212	.230	.273	.302	.291		.275	.215	.200
.250	.197	.206	.248	.278	.276	.277	.269	.183	.250
.300	.176		.222	.254	.261	.255	.256	.183	.300
.350	.159	.165	.191	.226	.247	.237	.243	.155	.350
.400	.143	.143	.166	.202	.226	.223	.234	.138	.400
.450	.129	.134	.152	.179	.206	.211	.218	.122	.450
.500	.122	.120	.138	.158	.188	.197	.195	.111	.500
.650	.087	.084	.088	.113	.130	.156	.154	.086	.650
.800	.062	.050	.047	.063	.086	.115	.105	.069	.800
.950	.038	.022	.019	.028	.044	.078	.060	.038	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(b) $\delta_c = 5^0$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^0$		$\beta = -12^0$				
				Upper surface					
.012		-.011	.000	.018	.037				.012
.025							.025		.025
.050	-.085	-.033	-.011	.001	.021	.020	.014	.041	.050
.100	-.079	-.052	-.030	-.015	-.001	.015	-.009	.022	.100
.150	-.089	-.066	-.041	-.019	-.011	.006	-.007	.011	.150
.200	-.097	-.086	-.053	-.040	-.027	-.006	-.020	.013	.200
.250	-.096	-.103	-.063	-.050	-.040	-.015	-.028	.002	.250
.300	-.091	-.119	-.072		-.045	-.026	-.035	.001	.300
.350	-.091	-.115	-.086	-.069	-.058		-.045	-.013	.350
.400	-.098	-.121	-.098	-.075	-.072	-.044	-.052	-.024	.400
.450	-.101	-.123	-.112	-.084	-.082	-.054	-.064	-.026	.450
.500	-.098	-.127	-.116	-.093	-.083	-.066	-.066	-.040	.500
.650	-.109	-.141	-.142	-.122	-.111	-.095	-.089	-.064	.650
.800	-.105	-.144	-.145	-.147	-.131	-.132	-.110	-.149	.800
.950	-.102	-.134	-.135	-.136	-.117	-.106	-.088	-.193	.950
				Lower surface					
.011	.310	.438	.390	.332	.391				.011
.020						.373	.335		.020
.050		.417	.362	.337	.351	.353	.320	.355	.050
.100	.268	.346	.368	.326	.318	.339	.304	.313	.100
.150	.253	.297	.346	.310	.295	.327	.290	.266	.150
.200	.245	.266	.305	.310	.278		.269	.236	.200
.250	.225	.243	.274	.298	.264	.286	.267	.200	.250
.300	.206		.249	.274	.250	.271	.246		.300
.350	.188	.186	.226	.249	.243	.248	.236	.164	.350
.400	.167	.169	.197	.225	.234	.227	.220	.153	.400
.450	.153	.155	.174	.198	.221	.199	.208	.136	.450
.500	.144	.135	.154	.179	.206	.185	.191	.129	.500
.650	.113	.101	.106	.126	.148	.143	.154	.090	.650
.800	.085	.071	.062	.064	.099	.113	.097	.069	.800
.950	.064	.041	.029	.038	.059	.082	.057	.057	.950
			$\alpha = 5^0$		$\beta = -15^0$				
				Upper surface					
.012		.028	.032	.037	.069				.012
.025							.038		.025
.050	-.043	.007	.017	.021	.052	.045	.034	.041	.050
.100	-.039	-.014	.000	.001	.030	.032	.020	.041	.100
.150	-.045	-.031	-.014	-.006	.015	.022	.009	.032	.150
.200	-.058	-.057	-.025	-.018	.000	.012	-.001	.039	.200
.250	-.059	-.072	-.033	-.031	-.015	.006	-.012	.030	.250
.300	-.056	-.088	-.045		-.022	-.007	-.018	.021	.300
.350	-.056	-.085	-.057	-.046	-.039		-.030	.011	.350
.400	-.066	-.092	-.073	-.058	-.048	-.025	-.039	-.001	.400
.450	-.072	-.095	-.089	-.069	-.063	-.034	-.048	-.005	.450
.500	-.065	-.097	-.098	-.077	-.064	-.044	-.053	-.011	.500
.650	-.078	-.119	-.129	-.114	-.095	-.073	-.073	-.053	.650
.800	-.077	-.121	-.132	-.129	-.117	-.111	-.096	-.177	.800
.950	-.080	-.116	-.119	-.117	-.102	-.086	-.075	-.184	.950
				Lower surface					
.011	.368	.455	.408	.359	.433				.011
.020						.411	.365		.020
.050		.443	.379	.369	.390	.386	.353	.308	.050
.100	.304	.371	.378	.344	.361	.368	.327	.291	.100
.150	.280	.330	.365	.329	.327	.351	.315	.277	.150
.200	.271	.287	.332	.316	.311		.291	.257	.200
.250	.251	.262	.301	.313	.292	.322	.283	.236	.250
.300	.234		.273	.298	.278	.304	.273	.240	.300
.350	.220	.213	.242	.269	.263	.287	.259	.207	.350
.400	.195	.192	.215	.249	.251	.262	.245	.192	.400
.450	.180	.177	.195	.232	.242	.232	.234	.178	.450
.500	.183	.164	.173	.208	.229	.221	.216	.164	.500
.650	.148	.129	.133	.150	.180	.172	.173	.128	.650
.800	.127	.090	.087	.097	.122	.131	.119	.102	.800
.950	.104	.070	.055	.062	.088	.098	.085	.080	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 0^\circ$									
Upper surface									
.012		-.054	-.073	-.079	-.076				.012
.025							-.025		.025
.050	.027	-.031	-.086	-.093	-.078	-.064	-.039	-.028	.050
.100	.018	-.053	-.073	-.104	-.088	-.073	-.053	-.041	.100
.150	.004	-.058	-.077	-.090	-.096	-.082	-.061	-.044	.150
.200	-.008	-.075	-.082	-.103	-.106	-.088	-.070	-.038	.200
.250	-.014	-.080	-.075	-.096	-.112	-.102	-.082	-.039	.250
.300	-.013	-.106	-.093		-.106	-.115	-.091	-.046	.300
.350	-.022	-.109	-.086	-.102	-.119		-.103	-.048	.350
.400	-.022	-.119	-.089	-.104	-.116	-.131	-.112	-.056	.400
.450	-.056	-.119	-.098	-.095	-.128	-.134	-.115	-.060	.450
.500	-.067	-.115	-.099	-.095	-.127	-.137	-.124	-.064	.500
.650	-.098	-.122	-.112	-.110	-.141	-.157	-.147	-.085	.650
.800	-.108	-.141	-.131	-.125	-.147	-.145	-.153	-.119	.800
.950	-.122	-.145	-.149	-.141	-.140	-.136	-.141	-.138	.950
Lower surface									
.011	.009	.201	.355	.414	.394				.011
.020						.371	.361		.020
.050		.150	.262	.369	.385	.344	.350	.362	.050
.100	.037	.130	.220	.306	.348	.329	.329	.342	.100
.150	.044	.124	.188	.257	.297	.315	.301	.304	.150
.200	.062	.114	.163	.225	.269		.280	.255	.200
.250	.071	.116	.147	.194	.233	.269	.262	.216	.250
.300	.073		.136	.175	.207	.248	.255	.202	.300
.350	.076	.106	.115	.143	.183	.228	.238	.157	.350
.400	.066	.090	.097	.129	.161	.200	.225	.136	.400
.450	.070	.085	.091	.115	.143	.183	.212	.118	.450
.500	.073	.076	.080	.098	.124	.161	.192	.099	.500
.650	.055	.055	.049	.069	.074	.106	.144	.054	.650
.800	.038	.023	.022	.030	.034	.059	.097	.020	.800
.950	.017	.008	.006	.008	.013	.024	.047	-.006	.950
$\alpha = 5^\circ$ $\beta = 4^\circ$									
Upper surface									
.012		.119	.043	-.111	-.098				.012
.025							-.066		.025
.050	.022	.080	.007	-.104	-.095	-.079	-.076	-.050	.050
.100	.012	.041	-.028	-.092	-.106	-.095	-.088	-.058	.100
.150	.004	.033	-.054			-.099	-.097	-.070	.150
.200	.017	.019		-.088	-.102	-.104	-.103	-.069	.200
.250	.025	.009	-.072	-.077	-.101	-.118	-.112	-.065	.250
.300	.025		-.093	-.082	-.092	-.132	-.118	-.076	.300
.350	.019	-.005	-.111	-.085	-.106		-.128	-.078	.350
.400	.007	-.005	-.112	-.075	-.106	-.142	-.135	-.085	.400
.450	-.006	-.026	-.110	-.079	-.095	-.141	-.135	-.092	.450
.500	-.008	-.044	-.118	-.090	-.078	-.138	-.148	-.095	.500
.650	-.043	-.083	-.116	-.108	-.099	-.144	-.162	-.115	.650
.800	-.090	-.111	-.129	-.128	-.112	-.153	-.137	-.141	.800
.950	-.117	-.130	-.141	-.140	-.130	-.147	-.134	-.146	.950
Lower surface									
.011	.007	.100	.136	.382	.464				.011
.020						.420	.348		.020
.050		.080	.124	.308	.375	.385	.336	.348	.050
.100	.069	.067	.124	.241	.302	.342	.332	.337	.100
.150	.064	.071	.120	.204	.252	.311	.315	.294	.150
.200	.062	.067	.118	.180	.227		.290	.252	.200
.250	.047	.067	.112	.159	.193			.211	.250
.300	.036		.105	.145	.173	.221	.248	.202	.300
.350	.028	.067	.092	.122	.154	.202	.221	.162	.350
.400	.022	.056	.078	.111	.137	.171	.206	.143	.400
.450	.022	.056	.076	.092	.123	.151	.185	.122	.450
.500	.027	.048	.065	.079	.100	.138	.162	.097	.500
.650	.034	.038	.036	.049	.054	.087	.111	.045	.650
.800	.041	.022	.015	.015	.026	.045	.071	.003	.800
.950	.023	.017	.006	-.003	.003	.015	.034	-.028	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 8^\circ$									
Upper surface									
.012		.182	.096	-.069	-.119				.012
.025							-.073		.025
.050	-.038	.147	.085	-.041	-.117	-.096	-.089	-.070	.050
.100	-.013	.095	.070	-.050	-.103	-.109	-.099	-.084	.100
.150	.009	.058	.047	-.046	-.093	-.106	-.104	-.092	.150
.200	.006	.040	.024	-.070	-.050	-.108	-.114	-.092	.200
.250	-.002	.026	.013	-.080	-.060	-.104	-.121	-.095	.250
.300	-.002	.009	-.002		-.062	-.116	-.128	-.108	.300
.350	.000	.005	-.014	-.086	-.080		-.130	-.109	.350
.400	-.008	-.011	-.019	-.108	-.080	-.116	-.137	-.112	.400
.450	-.015	-.019	-.030	-.109	-.071	-.117	-.137	-.118	.450
.500	-.024	-.022	-.020	-.109	-.075	-.118	-.144	-.123	.500
.650	-.057	-.051	-.075	-.108	-.097	-.103	-.151	-.135	.650
.800	-.077	-.095	-.105	-.118	-.123	-.124	-.135	-.147	.800
.950	-.116	-.123	-.125	-.127	-.137	-.140	-.134	-.128	.950
Lower surface									
.011	.183	.014	.087	.201	.408				.011
.020						.457	.429		.020
.050		.059	.062	.173	.313	.376	.390	.377	.050
.100	.098	.097	.063	.150	.247	.325	.354	.357	.100
.150	.064	.071	.090	.133	.205	.278	.318	.321	.150
.200	.044	.048	.077	.141	.184		.273	.285	.200
.250	.033	.043	.069	.129	.176	.209	.236	.249	.250
.300	.034		.062	.119	.155	.184	.228	.227	.300
.350	.027	.030	.052	.092	.140	.171	.199		.350
.400	.017	.024	.044	.086	.118	.154	.180	.148	.400
.450	.017	.022	.048	.073	.102	.138	.162	.120	.450
.500	.014	.020	.042	.063	.088	.127	.145	.094	.500
.650	.020	.027	.027	.031	.036	.067	.101	.029	.650
.800	.022	.023	.021	-.001	.020	.028	.056	-.010	.800
.950	.009	.014	.012	-.001	-.003	.003	.026	-.043	.950
$\alpha = 5^\circ$ $\beta = 12^\circ$									
Upper surface									
.012		.161	.065	.064	-.065				.012
.025							-.085		.025
.050	-.021	.136	.062	.045	-.052	-.128	-.095	-.084	.050
.100	-.019	.090	.076	.021	-.057	-.111	-.103	-.095	.100
.150	-.037	.072		.024	-.062	-.101	-.103	-.101	.150
.200	-.043	.022	.066	.013	-.059	-.099	-.114	-.099	.200
.250	-.049	-.007	.044	.013	-.065	-.095	-.125	-.102	.250
.300	-.035	-.017	.014		-.060	-.075	-.125	-.111	.300
.350	-.025	-.013	.002	-.013	-.066		-.131	-.114	.350
.400	-.045	-.026	-.007	-.022	-.070	-.084	-.130	-.118	.400
.450	-.050	-.038	-.018	-.034	-.080	-.085	-.130	-.125	.450
.500	-.067	-.040	-.030	-.045	-.095	-.085	-.130	-.130	.500
.650	-.086	-.086	-.066	-.073	-.106	-.098	-.136	-.144	.650
.800	-.099	-.123	-.099	-.111	-.134	-.119	-.129	-.132	.800
.950	-.121	-.142	-.125	-.135	-.137	-.140	-.135	-.125	.950
Lower surface									
.011	.148	.006	.188	.136	.255				.011
.020						.423	.446		.020
.050		.016	.133	.115	.197	.340	.383	.411	.050
.100	.048	.047	.097	.097	.159	.276	.332	.359	.100
.150	.020	.057	.108	.077	.140	.241	.285	.319	.150
.200	.010	.035	.092		.135		.247	.283	.200
.250	.003	.045	.064	.084	.127	.180	.213	.248	.250
.300	.005		.052	.073	.119	.159	.197	.226	.300
.350	.007	.035	.037	.056	.106	.152	.176	.178	.350
.400	.008	.024	.017	.056	.091	.136	.157	.149	.400
.450	.015	.027	.023	.047	.080	.115	.144	.120	.450
.500	.028	.028	.014	.041	.065	.100	.123	.094	.500
.650	.009	.041	.020	.030	.033	.054	.083	.028	.650
.800	-.006	.015	.012	.020	.017	.017	.038	-.005	.800
.950	-.024	-.002	.002	.013	.008	-.009	.010	-.044	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^o$ $\beta = 15^o$									
Upper surface									
.012		.155	.047	.073	.054				.012
.025							-.104		.025
.050	-.098	.125	.054	.051	.031	-.110	-.102	-.095	.050
.100	-.085	.069	.064	.033	.012	-.089	-.111	-.099	.100
.150	-.084	.034	.052	.038	.005	-.059	-.112	-.112	.150
.200	-.072	.006	.028	.027			-.109	-.109	.200
.250	-.079	-.021	.028	.024	.000	-.072	-.106	-.116	.250
.300	-.093	-.060	.024	.024	.002	-.064	-.102	-.128	.300
.350	-.095	-.089	.000	.008	-.014		-.110	-.130	.350
.400	-.104	-.106	-.017	.006	-.024	-.078	-.111	-.137	.400
.450	-.095	-.125	-.028		-.034	-.095	-.105	-.149	.450
.500	-.109	-.138	-.047	-.019	-.032	-.095	-.093	-.156	.500
.650	-.124	-.153	-.089	-.067	-.064	-.092	-.095	-.141	.650
.800	-.142	-.173	-.112	-.105	-.106	-.115	-.114	-.132	.800
.950	-.151	-.179	-.136	-.122	-.127	-.136	-.132	-.130	.950
Lower surface									
.011	.142	-.033	.192	.183	.162				.011
.020						.348	.408		.020
.050		-.038	.120	.159	.143	.273	.353	.415	.050
.100	.025	-.008	.098	.127	.122	.229	.298	.359	.100
.150	.003	.016	.104	.106	.108	.195	.259	.315	.150
.200	-.008	-.015	.097	.109	.112		.218	.271	.200
.250	-.016	-.013	.059	.091	.104	.161	.205	.249	.250
.300	-.013		.037	.077	.088	.145	.178	.233	.300
.350	-.006	-.001	.023	.055	.078	.137	.158	.193	.350
.400	.003	-.003	.013	.042	.062	.113	.145	.163	.400
.450	.009	.012	.015	.036	.052	.098	.134	.138	.450
.500	.014	.017	.020	.029	.038	.081	.107	.111	.500
.650	-.007	.017	.013	.029	.020	.034	.065	.051	.650
.800	-.024	-.002	-.003	.009	.015	.006	.024	-.001	.800
.950	-.054	-.029	-.019	.001	.010	-.010	.000	-.024	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^o$		$\beta = 0^o$				
				Upper surface					
.012		-.054	-.073	-.079	-.076				.012
.025							-.025		.025
.050	.027	-.031	-.086	-.093	-.078	-.064	-.039	-.028	.050
.100	.018	-.053	-.073	-.104	-.088	-.073	-.053	-.041	.100
.150	.004	-.058	-.077	-.090	-.096	-.082	-.061	-.044	.150
.200	-.008	-.075	-.082	-.103	-.106	-.088	-.070	-.038	.200
.250	-.014	-.080	-.075	-.096	-.112	-.102	-.082	-.039	.250
.300	-.013	-.106	-.093		-.106	-.115	-.091	-.046	.300
.350	-.022	-.109	-.086	-.102	-.119		-.103	-.048	.350
.400	-.022	-.119	-.089	-.104	-.116	-.131	-.112	-.056	.400
.450	-.056	-.119	-.098	-.095	-.128	-.134	-.115	-.060	.450
.500	-.067	-.115	-.099	-.095	-.127	-.137	-.124	-.064	.500
.650	-.098	-.122	-.112	-.110	-.141	-.157	-.147	-.085	.650
.800	-.108	-.141	-.131	-.125	-.147	-.145	-.153	-.119	.800
.950	-.122	-.145	-.149	-.141	-.140	-.136	-.141	-.138	.950
				Lower surface					
.011	.009	.201	.355	.414	.394				.011
.020						.371	.361		.020
.050		.150	.262	.369	.385	.344	.350	.362	.050
.100	.037	.130	.220	.306	.348	.329	.329	.342	.100
.150	.044	.124	.188	.257	.297	.315	.301	.304	.150
.200	.062	.114	.163	.225	.269		.280	.255	.200
.250	.071	.116	.147	.194	.233	.269	.262	.216	.250
.300	.073		.136	.175	.207	.248	.255	.202	.300
.350	.076	.106	.115	.143	.183	.228	.238	.157	.350
.400	.066	.090	.097	.129	.161	.200	.225	.136	.400
.450	.070	.085	.091	.115	.143	.183	.212	.118	.450
.500	.073	.076	.080	.098	.124	.161	.192	.099	.500
.650	.055	.055	.049	.069	.074	.106	.144	.054	.650
.800	.038	.023	.022	.030	.034	.059	.097	.020	.800
.950	.017	.008	.006	.008	.013	.024	.047	-.006	.950
			$\alpha = 5^o$		$\beta = -4^o$				
				Upper surface					
.012		-.048	-.086	-.053	-.045				.012
.025							-.001		.025
.050	-.075	-.072	-.103	-.077	-.052	-.030	-.012	-.038	.050
.100	-.053	-.084	-.098	-.085	-.063	-.044	-.026	-.048	.100
.150	-.059	-.091	-.099	-.084	-.072	-.054	-.034	-.039	.150
.200	-.073	-.103	-.102	-.098	-.082	-.060	-.048	-.024	.200
.250	-.077	-.108	-.101	-.104	-.093	-.072	-.059	-.026	.250
.300	-.086		-.103		-.093	-.090	-.066	-.026	.300
.350	-.093	-.112	-.105	-.111	-.108		-.078	-.035	.350
.400	-.105	-.122	-.110	-.119	-.115	-.106	-.084	-.040	.400
.450	-.115	-.122	-.118	-.124	-.116	-.114	-.090	-.040	.450
.500	-.119	-.121	-.117	-.125	-.131	-.122	-.101	-.047	.500
.650	-.129	-.136	-.131	-.143	-.149	-.141	-.122	-.071	.650
.800	-.135	-.144	-.141	-.154	-.161	-.160	-.145	-.097	.800
.950	-.141	-.155	-.145	-.141	-.141	-.141	-.121	-.150	.950
				Lower surface					
.011	.127	.260	.464	.381	.385				.011
.020						.393	.350		.020
.050		.184	.363	.392	.362	.362	.353	.268	.050
.100	.096	.176	.294	.343	.354	.335	.338	.304	.100
.150	.100	.170	.247	.292	.331	.313	.318	.260	.150
.200	.114	.152	.211	.261	.306		.284	.229	.200
.250	.122	.150	.186	.228	.264	.280	.265	.200	.250
.300	.125		.169	.200	.239	.270	.258		.300
.350	.120	.132	.147	.173	.211	.255	.240	.161	.350
.400	.107	.111	.120	.152	.185	.232	.223	.147	.400
.450	.099	.101	.114	.132	.166	.205	.212	.128	.450
.500	.095	.094	.102	.115	.148	.186	.193	.112	.500
.650	.064	.072	.064	.071	.101	.128	.155	.069	.650
.800	.040	.033	.034	.031	.055	.077	.106	.037	.800
.950	.021	.015	.008	.013	.024	.041	.054	.013	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^\circ$		$\beta = -8^\circ$				
				Upper surface					
.012		-.092	-.053	-.015	-.001				.012
.025							-.028		.025
.050	-.143	-.067	-.067	-.032	-.013	.001	-.014	-.005	.050
.100	-.086	-.077	-.082	-.044	-.027	-.015	-.019	-.024	.100
.150	-.099	-.117	-.089	-.043	-.041	-.027	-.025	-.033	.150
.200	-.114	-.138	-.098	-.069	-.052	-.037	-.030	-.034	.200
.250	-.124	-.129	-.098	-.075	-.063	-.048	-.044	-.032	.250
.300	-.116	-.122	-.105		-.060	-.073	-.053	-.044	.300
.350	-.142	-.128	-.117	-.090	-.077		-.067	-.050	.350
.400	-.140	-.136	-.129	-.103	-.089	-.082	-.076	-.057	.400
.450	-.122	-.136	-.140	-.109	-.092	-.089	-.083	-.065	.450
.500	-.130	-.136	-.141	-.117	-.102	-.098	-.091	-.071	.500
.650	-.128	-.148	-.150	-.141	-.129	-.122	-.114	-.092	.650
.800	-.137	-.161	-.161	-.168	-.151	-.141	-.136	-.160	.800
.950	-.129	-.155	-.143	-.153	-.136	-.124	-.108	-.208	.950
				Lower surface					
.011	.361	.364	.429	.392	.395				.011
.020						.384	.298		.020
.050		.342	.377	.389	.375	.372	.317	.312	.050
.100	.170	.303	.340	.363	.360	.348	.310	.297	.100
.150	.171	.257	.312	.329	.338	.324	.294	.239	.150
.200	.182	.220	.277	.305	.319		.273	.199	.200
.250	.175	.197	.248	.282	.289	.284	.265	.168	.250
.300	.166		.220	.260	.275	.271	.255		.300
.350	.156	.157	.187	.228	.251	.261	.241	.134	.350
.400	.140	.140	.158	.201	.233	.242	.229	.120	.400
.450	.129	.129	.145	.182	.212	.220	.216	.105	.450
.500	.126	.115	.127	.165	.191	.208	.201	.095	.500
.650	.093	.083	.081	.107	.134	.155	.157	.074	.650
.800	.066	.043	.045	.063	.083	.113	.112	.057	.800
.950	.044	.022	.021	.028	.044	.076	.071	.038	.950
			$\alpha = 5^\circ$		$\beta = -12^\circ$				
				Upper surface					
.012		-.032	-.002	.020	.024				.012
.025							.008		.025
.050	-.066	-.052	-.026	.005	.007	.019	-.005	.040	.050
.100	-.073	-.065	-.035	-.012	-.017	.002	-.019	.026	.100
.150	-.090	-.083	-.047	-.019	-.027	-.007	-.028	.014	.150
.200	-.089	-.096	-.059	-.035	-.030	-.021	-.039	.015	.200
.250	-.085	-.102	-.072	-.045	-.033	-.035	-.047	.007	.250
.300	-.086	-.110	-.085		-.033	-.060	-.060	-.002	.300
.350	-.086	-.112	-.093	-.063	-.052		-.067	-.012	.350
.400	-.092	-.115	-.104	-.071	-.063	-.077	-.075	-.022	.400
.450	-.088	-.116	-.114	-.084	-.066	-.077	-.077	-.032	.450
.500	-.091	-.118	-.114	-.092	-.076	-.086	-.084	-.039	.500
.650	-.102	-.137	-.132	-.116	-.104	-.110	-.097	-.063	.650
.800	-.114	-.148	-.144	-.143	-.125	-.134	-.112	-.174	.800
.950	-.110	-.137	-.132	-.130	-.109	-.108	-.091	-.193	.950
				Lower surface					
.011	.405	.408	.427	.381	.397				.011
.020						.381	.326		.020
.050		.418	.386	.385	.357	.353	.312	.361	.050
.100	.277	.350	.374	.358	.339	.327	.296	.312	.100
.150	.269	.304	.351	.336	.325	.308	.271	.270	.150
.200	.254	.267	.314	.322	.312		.253	.237	.200
.250	.230	.247	.285	.308	.294	.280		.209	.250
.300	.213		.253	.292	.283	.264	.244		.300
.350	.196	.199	.227	.261	.268	.249	.233	.173	.350
.400	.170	.173	.199	.236	.249	.235	.219	.157	.400
.450	.158	.155	.178	.209	.234	.220	.207	.143	.450
.500	.149	.142	.157	.190	.215	.212	.190	.130	.500
.650	.120	.105	.108	.137	.158	.175	.154	.097	.650
.800	.092	.063	.062	.080	.109	.136	.108	.071	.800
.950	.069	.043	.033	.048	.069	.098	.063	.049	.950

[redacted]

TABLE XIX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

SMALL TRAPEZOIDAL CANARD CONFIGURATION - Concluded

(c) $\delta_c = 15^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^o$				$\beta = -15^o$				
Upper surface									
.012		.001	.020	.040	.056				.012
.025							.047		.025
.050	-.034	-.018	.004	.020	.039	.045	.028	.071	.050
.100	-.048	-.038	-.011	.006	.013	.027	.012	.052	.100
.150	-.053	-.053	-.027	-.001	.006	.017	.006	.044	.150
.200	-.057	-.072	-.040	-.018	-.008	.006	-.008	.043	.200
.250	-.057	-.077	-.048	-.031	-.018	-.009	-.020	.033	.250
.300	-.053	-.086	-.059		-.025	-.025	-.027	.021	.300
.350	-.054	-.091	-.069	-.044	-.039		-.041	.015	.350
.400	-.065	-.101	-.080	-.056	-.048	-.052	-.051	.004	.400
.450	-.066	-.096	-.095	-.065	-.057	-.060	-.058	-.001	.450
.500	-.064	-.098	-.101	-.077	-.065	-.069	-.069	-.013	.500
.650	-.078	-.122	-.122	-.106	-.086	-.092	-.093	-.048	.650
.800	-.082	-.129	-.129	-.131	-.115	-.110	-.105	-.179	.800
.950	-.085	-.122	-.116	-.116	-.098	-.085	-.076	-.184	.950
Lower surface									
.011	.450	.457	.432	.386	.428				.011
.020						.400	.358		.020
.050		.450	.391	.389	.389	.377	.350	.393	.050
.100	.318	.383	.396	.364	.362	.351	.328	.335	.100
.150	.294	.336	.376	.339	.334	.329	.305	.299	.150
.200	.280	.297	.340	.326	.319		.272	.265	.200
.250	.269	.271	.312	.321	.293	.287	.256	.242	.250
.300	.244		.278	.303	.283	.276	.247		.300
.350	.232	.229	.248	.270	.269	.264	.229	.204	.350
.400	.204	.204	.225	.255	.255	.247	.219	.190	.400
.450	.187	.187	.204	.230	.246	.232	.212	.179	.450
.500	.183	.171	.183	.211	.232	.219	.196	.162	.500
.650	.148	.130	.134	.159	.182	.173	.152	.129	.650
.800	.127	.092	.092	.111	.126	.136	.101	.098	.800
.950	.108	.069	.055	.072	.093	.102	.072	.076	.950

[redacted]

TABLE XX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

BODY-MOUNTED VERTICAL TAIL CONFIGURATION

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 0^\circ$									
Upper surface									
.012		-.064	-.047	-.038	-.030				.012
.025							-.004		.025
.050	-.121	-.079	-.062	-.052	-.039	-.018	-.014	-.013	.050
.100	-.107	-.092	-.073	-.063	-.053	-.037	-.027	-.025	.100
.150	-.102	-.102	-.079	-.062	-.062	-.046	-.036	-.038	.150
.200	-.097	-.111	-.086	-.079	-.072	-.060	-.046	-.032	.200
.250	-.090	-.107	-.096	-.084	-.081	-.073	-.056	-.027	.250
.300	-.081	-.104	-.107		-.077	-.094	-.064	-.034	.300
.350	-.077	-.102	-.115	-.101	-.091		-.077	-.036	.350
.400	-.081	-.101	-.117	-.110	-.099	-.108	-.086	-.039	.400
.450	-.083	-.103	-.121	-.120	-.105	-.115	-.092	-.049	.450
.500	-.082	-.102	-.121	-.126	-.110	-.122	-.103	-.049	.500
.650	-.085	-.109	-.131	-.146	-.136	-.139	-.128	-.068	.650
.800	-.097	-.114	-.139	-.141	-.153	-.155	-.150	-.094	.800
.950	-.109	-.123	-.134	-.133	-.127	-.129	-.127	-.117	.950
Lower surface									
.011	.329	.386	.337	.296	.312				.011
.020						.332	.339		.020
.050		.324	.319	.303	.288	.298	.324	.320	.050
.100	.210	.255	.292	.292	.274	.264	.305	.302	.100
.150	.185	.219	.253	.269	.262		.282	.263	.150
.200	.183	.189	.219	.245	.257		.249	.227	.200
.250	.164	.168	.195	.223	.237	.220		.190	.250
.300	.143		.167	.198	.220	.211	.219	.183	.300
.350	.129	.133	.146	.168	.197	.199	.199	.140	.350
.400	.106	.115	.125	.153	.174	.186	.185	.124	.400
.450	.097	.094	.112	.130	.153	.181	.176	.105	.450
.500	.090	.084	.094	.114	.132	.165	.158		.500
.650	.054	.054	.054	.075	.085	.114	.126	.040	.650
.800	.038	.024	.022	.027	.041	.068	.090	.007	.800
.950	.021	.005	-.003	.002	.006	.037	.055	-.021	.950
$\alpha = 5^\circ$ $\beta = 2^\circ$									
Upper surface									
.012		-.071	-.049	-.036	-.032				.012
.025							-.012		.025
.050	-.111	-.079	-.066	-.049	-.045	-.034	-.026	-.024	.050
.100	-.091	-.096	-.078	-.064	-.057	-.052	-.040	-.031	.100
.150	-.083	-.104	-.086	-.063	-.064	-.062	-.047	-.043	.150
.200	-.079	-.103	-.095	-.081	-.071	-.069	-.059	-.043	.200
.250	-.073	-.097	-.102	-.086	-.077	-.079	-.072	-.040	.250
.300	-.071	-.096	-.111		-.078	-.098	-.078	-.047	.300
.350	-.069	-.095	-.116	-.097	-.094		-.094	-.054	.350
.400	-.071	-.097	-.116	-.107	-.104	-.114	-.103	-.056	.400
.450	-.076	-.099	-.117	-.114	-.109	-.118	-.108	-.064	.450
.500	-.073	-.097	-.108	-.122	-.115	-.123	-.118	-.069	.500
.650	-.086	-.104	-.121	-.139	-.140	-.141	-.141	-.083	.650
.800	-.101	-.116	-.131	-.134	-.153	-.158	-.156	-.108	.800
.950	-.120	-.130	-.130	-.124	-.130	-.130	-.135	-.123	.950
Lower surface									
.011	.312	.399	.353	.307	.318				.011
.020						.312	.338		.020
.050		.318	.330	.311	.300	.286	.325	.323	.050
.100		.247	.284	.302	.286	.265	.300	.308	.100
.150	.177	.211	.245	.267	.273	.248	.272	.273	.150
.200	.177	.179	.209	.240	.260		.237	.231	.200
.250	.162	.160	.189	.211	.239	.227		.195	.250
.300	.143		.157	.189	.212	.217	.214		.300
.350	.131	.129	.138	.160	.189	.206	.199	.139	.350
.400	.113	.113	.121		.168	.190	.186	.119	.400
.450	.101	.097	.108	.124	.150	.170	.177	.098	.450
.500	.092	.083	.092			.159	.162	.075	.500
.650	.059	.055	.056	.070	.078	.106	.129	.031	.650
.800		.029	.019	.031	.040	.062	.091	-.006	.800
.950	.024	.015	.006	.006	.013	.027	.047	-.022	.950

[redacted]

TABLE XX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^\circ$		$\beta = 4^\circ$				
				Upper surface					
.012		-.076	-.063	-.041	-.038				.012
.025							-.026		.025
.050	-.095	-.090	-.071	-.052	-.045	-.050	-.035	-.021	.050
.100	-.076	-.105	-.082	-.066	-.062	-.062	-.051	-.039	.100
.150	-.073	-.104	-.088	-.064	-.067	-.066	-.060	-.052	.150
.200	-.077	-.097	-.099	-.080	-.076	-.073	-.071	-.048	.200
.250	-.075	-.093	-.106	-.086	-.085	-.085	-.085	-.047	.250
.300	-.071	-.095	-.109		-.085	-.102	-.093	-.053	.300
.350	-.075	-.092	-.112	-.099	-.097		-.105	-.062	.350
.400	-.077	-.099	-.112	-.109	-.105	-.114	-.117	-.064	.400
.450	-.078	-.096	-.116	-.118	-.111	-.118	-.121	-.071	.450
.500	-.079	-.092	-.104	-.119	-.119	-.127	-.125	-.076	.500
.650	-.088	-.104	-.116	-.132	-.140	-.148	-.138	-.097	.650
.800	-.109	-.123	-.128	-.135	-.147	-.159	-.154	-.116	.800
.950	-.135	-.142	-.129	-.124	-.134	-.137	-.134	-.128	.950
				Lower surface					
.011	.257	.416	.381	.327	.331				.011
.020						.314	.332		.020
.050		.314	.334	.334	.314	.291	.309	.328	.050
.100		.251	.284	.304	.298	.275	.277	.309	.100
.150	.168	.210	.246	.264	.272	.265	.255	.274	.150
.200	.182	.183	.214	.235	.255		.236	.239	.200
.250	.164	.162	.190	.204	.225	.239		.191	.250
.300	.154		.165	.179	.204	.221	.214		.300
.350	.137	.130	.141	.151	.172	.205	.203	.141	.350
.400	.123	.115	.121	.139	.161	.183	.194	.115	.400
.450	.114	.102	.109	.118	.137	.165	.183	.090	.450
.500		.091	.095	.105	.119		.163	.076	.500
.650	.079	.070	.058	.063	.068	.099	.118	.033	.650
.800		.042	.034	.026	.036	.047	.077	.000	.800
.950	.033	.023	.021	.009	.012	.017	.042	-.024	.950
			$\alpha = 5^\circ$		$\beta = 8^\circ$				
				Upper surface					
.012		-.095	-.066	-.046	-.038				.012
.025							-.053		.025
.050	-.037	-.111	-.078	-.056	-.050	-.054	-.062	-.046	.050
.100	-.054	-.101	-.090	-.075	-.062	-.066	-.067	-.054	.100
.150	-.057	-.093	-.102	-.072	-.070	-.073	-.077	-.069	.150
.200	-.067	-.092	-.103	-.090	-.077	-.075	-.086	-.071	.200
.250	-.065	-.079	-.099	-.096	-.085	-.083	-.095	-.073	.250
.300	-.064	-.091	-.099		-.085	-.104	-.102	-.084	.300
.350	-.064	-.083	-.102	-.106	-.099		-.114	-.085	.350
.400	-.066	-.091	-.102	-.106	-.109	-.117	-.123	-.091	.400
.450	-.072	-.090	-.109	-.106	-.116	-.121	-.123	-.104	.450
.500	-.066	-.090	-.099	-.109	-.123	-.131	-.130	-.105	.500
.650	-.085	-.106	-.106	-.124	-.136	-.151	-.150	-.112	.650
.800	-.111	-.128	-.120	-.133	-.148	-.161	-.159	-.137	.800
.950	-.143	-.156	-.131	-.135	-.129	-.142	-.140	-.130	.950
				Lower surface					
.011	.019	.437	.437	.385	.379				.011
.020						.350	.329		.020
.050		.297	.337	.347	.344	.328	.312	.325	.050
.100	.050	.235	.269	.288	.305	.300	.306	.319	.100
.150	.080	.202	.228	.243	.264	.281	.288	.277	.150
.200	.110	.173	.193	.209	.233			.249	.200
.250	.112	.162	.172	.179	.202	.227	.273	.219	.250
.300	.123		.151	.163	.180	.201	.235		.300
.350	.120	.124	.129	.137	.156	.184	.211	.169	.350
.400	.115	.119	.114	.122	.142	.163	.191	.147	.400
.450	.119	.107	.104	.109	.120	.154	.177	.116	.450
.500	.119	.097		.091	.093		.156	.094	.500
.650	.095	.083	.062	.055	.059	.083	.107	.074	.650
.800	.067	.056	.042	.023	.028	.047	.066	.063	.800
.950	.027	.030	.026	.016	.009	.017	.035	-.008	.950

[redacted]

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TABLE XX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 12^\circ$									
Upper surface									
.012		-.138	-.077	-.051	-.046				.012
.025							-.056		.025
.050	.070	-.115	-.091	-.061	-.053	-.052	-.067	-.060	.050
.100	.020	-.084	-.102	-.079	-.066	-.065	-.078	-.065	.100
.150	-.001	-.058	-.093	-.077	-.074	-.067	-.086	-.078	.150
.200	-.034	-.065	-.088	-.092	-.084	-.074	-.091	-.084	.200
.250	-.039	-.071	-.085	-.091	-.093	-.084	-.096	-.084	.250
.300	-.037	-.088	-.079		-.092	-.104	-.098	-.098	.300
.350	-.040	-.084	-.073	-.096	-.110		-.110	-.098	.350
.400	-.058	-.091	-.079	-.093	-.112	-.121	-.118	-.105	.400
.450	-.060	-.098	-.085	-.096	-.114	-.127	-.127	-.116	.450
.500	-.064	-.093	-.079	-.093	-.115	-.134	-.129	-.119	.500
.650	-.086	-.105	-.101	-.108	-.125	-.155	-.149	-.127	.650
.800	-.112	-.124	-.118	-.129	-.127	-.162	-.163	-.138	.800
.950	-.150	-.149	-.134	-.136	-.140	-.141	-.142	-.128	.950
Lower surface									
.011	-.147	.432	.458	.410	.425				.011
.020						.412	.397		.020
.050		.274	.321	.341	.348	.348	.358	.372	.050
.100	-.037	.207	.249	.276	.299	.306	.320		.100
.150	.007	.197	.204	.229	.250	.274	.290	.299	.150
.200	.024	.189	.182	.193	.224		.250	.267	.200
.250	.028	.176	.170	.171	.183	.210		.238	.250
.300	.037		.153	.156	.169	.184	.206	.221	.300
.350	.041	.146	.128	.136	.147	.164	.189	.178	.350
.400	.045	.120	.108	.127	.134	.146	.172	.156	.400
.450	.051	.113	.102	.108	.120	.128	.155	.125	.450
.500	.062	.104	.094	.090	.098	.120	.136	.099	.500
.650	.051	.104	.073	.062	.064	.069	.090	.044	.650
.800	.042	.056	.056	.034	.036	.036	.052	-.005	.800
.950	.006	.028	.027	.024	.022	.007	.022	-.037	.950
$\alpha = 5^\circ$ $\beta = 15^\circ$									
Upper surface									
.012		-.203	-.139	-.077	-.066				.012
.025							-.077		.025
.050	.140	-.145	-.152	-.085	-.065	-.063	-.082	-.068	.050
.100	.086	-.118	-.129	-.103	-.075	-.072	-.088	-.075	.100
.150	.028	-.121	-.116	-.102	-.086	-.076	-.094	-.086	.150
.200	-.023	-.118	-.102	-.105	-.096	-.084	-.098	-.091	.200
.250	-.047	-.114	-.085	-.097	-.105	-.090	-.107	-.098	.250
.300	-.065	-.111	-.086		-.103	-.113	-.110	-.107	.300
.350	-.073	-.101	-.085	-.095	-.114		-.116	-.111	.350
.400	-.090	-.092	-.091	-.090	-.111	-.128	-.123	-.117	.400
.450	-.085	-.090	-.089	-.084	-.109	-.134	-.127	-.124	.450
.500	-.110	-.102	-.077	-.084	-.110	-.143	-.134	-.130	.500
.650	-.129	-.128	-.114	-.094	-.117	-.162	-.149	-.136	.650
.800	-.152	-.152	-.134	-.134	-.108	-.165	-.168	-.147	.800
.950	-.161	-.168	-.148	-.149	-.148	-.150	-.150	-.134	.950
Lower surface									
.011	-.147	.244	.495	.442	.451				.011
.020						.428	.420		.020
.050		.166	.334	.345	.345	.350	.372	.398	.050
.100	-.101	.136	.259	.279	.288	.300	.318		.100
.150	-.093	.109	.212	.230	.237	.259	.279	.306	.150
.200	-.047	.122	.178	.188	.207		.241	.273	.200
.250	-.007	.123	.177	.158	.170	.198		.240	.250
.300	-.006		.162		.152	.172	.202		.300
.350	.007	.123	.144	.122	.134	.151	.185	.190	.350
.400	.006	.095	.133	.123	.120	.137	.159	.162	.400
.450		.095	.130	.113	.108	.120	.138	.131	.450
.500	.014	.084	.119	.098	.095		.116	.102	.500
.650	.012	.069	.105	.072	.060	.064	.080	.043	.650
.800	-.005	.026	.081	.048	.038	.035	.038	-.009	.800
.950	-.029	-.002	.041	.029	.021	.008	.016	-.034	.950

[redacted]

TABLE XX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^\circ$			$\beta = 0^\circ$					
Upper surface									
.012		-.064	-.047	-.038	-.030				.012
.025							-.004		.025
.050	-.121	-.079	-.062	-.052	-.039	-.018	-.014	-.013	.050
.100	-.107	-.092	-.073	-.063	-.053	-.037	-.027	-.025	.100
.150	-.102	-.102	-.079	-.062	-.062	-.046	-.036	-.038	.150
.200	-.097	-.111	-.086	-.079	-.072	-.060	-.046	-.032	.200
.250	-.090	-.107	-.096	-.084	-.081	-.073	-.056	-.027	.250
.300	-.081	-.104	-.107		-.077	-.094	-.064	-.034	.300
.350	-.077	-.102	-.115	-.101	-.091		-.077	-.036	.350
.400	-.081	-.101	-.117	-.110	-.099	-.108	-.086	-.039	.400
.450	-.083	-.103	-.121	-.120	-.105	-.115	-.092	-.049	.450
.500	-.082	-.102	-.121	-.126	-.110	-.122	-.103	-.049	.500
.650	-.085	-.109	-.131	-.146	-.136	-.139	-.128	-.068	.650
.800	-.097	-.114	-.139	-.141	-.153	-.155	-.150	-.094	.800
.950	-.109	-.123	-.134	-.133	-.127	-.129	-.127	-.117	.950
Lower surface									
.011	.329	.386	.337	.296	.312				.011
.020						.332	.339		.020
.050		.324	.319	.303	.288	.298	.324	.320	.050
.100	.210	.255	.292	.292	.274	.264	.305	.302	.100
.150	.185	.219	.253	.269	.262		.282	.263	.150
.200	.183	.189	.219	.245	.257		.249	.227	.200
.250	.164	.168	.195	.223	.237	.220		.190	.250
.300	.143		.167	.198	.220	.211	.219	.183	.300
.350	.129	.133	.146	.168	.197	.199	.199	.140	.350
.400	.106	.115	.125	.153	.174	.186	.185	.124	.400
.450	.097	.094	.112	.130	.153	.181	.176	.105	.450
.500	.090	.084	.094	.114	.132	.165	.158		.500
.650	.054	.054	.054	.075	.085	.114	.126	.040	.650
.800	.038	.024	.022	.027	.041	.068	.090	.007	.800
.950	.021	.005	-.003	.002	.006	.037	.055	-.021	.950
	$\alpha = 5^\circ$			$\beta = -2^\circ$					
Upper surface									
.012		-.064	-.051	-.025	-.025				.012
.025							.004		.025
.050	-.122	-.083	-.069	-.049	-.037	-.011	-.006	-.014	.050
.100	-.113	-.094	-.075	-.060	-.051	-.027	-.024	-.026	.100
.150	-.111	-.110	-.085	-.060	-.060	-.040	-.031	-.034	.150
.200	-.108	-.122	-.096	-.079	-.070	-.051	-.043	-.034	.200
.250	-.103	-.121	-.101	-.084	-.079	-.063	-.050	-.032	.250
.300	-.095	-.117	-.113		-.077	-.086	-.063	-.040	.300
.350	-.090	-.115	-.127	-.103	-.094		-.071	-.040	.350
.400	-.090	-.117	-.129	-.110	-.105	-.102	-.078	-.050	.400
.450	-.091	-.117	-.132	-.117	-.105	-.115	-.084	-.049	.450
.500	-.092	-.117	-.134	-.126	-.120	-.121	-.092	-.052	.500
.650	-.097	-.132	-.141	-.148	-.141	-.137	-.115	-.073	.650
.800	-.097	-.132	-.143	-.146	-.161	-.153	-.148	-.096	.800
.950	-.103	-.128	-.136	-.136	-.132	-.133	-.130	-.134	.950
Lower surface									
.011	.322	.382	.334	.290	.305				.011
.020						.346	.336		.020
.050		.334	.322	.295	.284	.312	.329	.320	.050
.100	.218	.270	.297	.281	.269	.274	.315	.301	.100
.150	.195	.237	.260	.270	.254	.254	.294	.263	.150
.200	.189	.205	.227	.253	.250		.266	.221	.200
.250	.169	.177	.205	.228	.237	.214	.276	.189	.250
.300	.151		.181	.205	.219	.202	.239	.182	.300
.350	.134	.135	.151	.178	.200	.189	.212	.144	.350
.400	.113	.122	.134	.157	.174	.177	.195	.128	.400
.450	.101	.101	.118	.140	.161	.177	.176	.117	.450
.500		.090	.099	.120	.137	.171	.162	.098	.500
.650	.059	.055	.061	.077	.085	.121	.127		.650
.800	.034	.022	.024	.026	.044	.080	.093		.800
.950	.023	.006	-.002	.003	.015	.042	.054		.950

[redacted]

TABLE XX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = -4^\circ$									
Upper surface									
.012		-.047	-.030	-.019	-.014				.012
.025							.009		.025
.050	-.108	-.065	-.049	-.039	-.024	.000	-.002	.000	.050
.100	-.096	-.075	-.062	-.050	-.038	-.005	-.012	-.014	.100
.150	-.101	-.094	-.072	-.052	-.052	-.021	-.020	-.028	.150
.200	-.098	-.108	-.082	-.065	-.062	-.031	-.028	-.028	.200
.250	-.096	-.112	-.089	-.073	-.070	-.050	-.043	-.026	.250
.300	-.091	-.114	-.098		-.070	-.069	-.052		.300
.350	-.089	-.112	-.111	-.095	-.088		-.062	-.033	.350
.400	-.092	-.114	-.120	-.104	-.095	-.090	-.071	-.039	.400
.450	-.088	-.114	-.125	-.111	-.096	-.099	-.072	-.044	.450
.500	-.089	-.115	-.134	-.118	-.111	-.109	-.088	-.045	.500
.650	-.091	-.124	-.144	-.142	-.128	-.128	-.108	-.064	.650
.800	-.086	-.135	-.141	-.150	-.154	-.148	-.135	-.092	.800
.950	-.077	-.116	-.133	-.133	-.129	-.129	-.115	-.141	.950
Lower surface									
.011	.326	.377	.342	.294	.309				.011
.020						.362	.332		.020
.050		.346	.321	.297	.294	.329	.320	.315	.050
.100		.277	.314	.283	.273	.306	.311	.301	.100
.150	.213	.249	.278	.271	.257	.278	.293	.254	.150
.200	.200	.211	.244	.262	.251		.271	.215	.200
.250	.178	.192	.221	.245	.241	.225	.279	.183	.250
.300	.158		.194	.223	.232	.208	.247		.300
.350	.142	.151	.168	.190	.213	.199	.223	.144	.350
.400	.121	.129	.145	.169	.187	.187	.207	.134	.400
.450	.108	.113	.133	.157	.173	.178	.190	.119	.450
.500	.100	.098	.116	.136	.157	.169	.169	.102	.500
.650	.063	.063	.069	.088	.107	.136	.128	.072	.650
.800	.041	.028	.033	.043	.061	.092	.092	.041	.800
.950	.026	.002	.003	.013	.026	.052	.050	.017	.950
$\alpha = 5^\circ$ $\beta = -8^\circ$									
Upper surface									
.012		-.027	-.006	.007	.015				.012
.025							.018		.025
.050	-.089	-.047	-.032	-.015	.007	.021	.005	.012	.050
.100	-.080	-.064	-.044	-.028	-.012	.009	-.001	.002	.100
.150	-.092	-.082	-.059	-.034	-.031	-.004	-.007	-.008	.150
.200	-.090	-.098	-.066	-.050	-.043	-.011	-.018	-.011	.200
.250	-.089	-.105	-.073	-.059	-.050	-.025	-.030	-.009	.250
.300	-.097	-.108	-.088		-.052	-.040	-.039	-.021	.300
.350	-.095	-.118	-.102	-.079	-.073		-.052	-.025	.350
.400	-.099	-.119	-.110	-.092	-.080	-.066	-.063	-.033	.400
.450	-.095	-.121	-.116	-.098	-.085	-.077	-.063	-.039	.450
.500	-.098	-.123	-.123	-.105	-.095	-.084	-.076	-.045	.500
.650	-.098	-.132	-.143	-.129	-.115	-.109	-.097	-.069	.650
.800	-.095	-.145	-.137	-.154	-.140	-.137	-.116	-.114	.800
.950	-.058	-.142	-.125	-.137	-.124	-.117	-.093	-.192	.950
Lower surface									
.011	.361	.379	.346	.301	.347				.011
.020						.368	.329		.020
.050		.368	.317	.307	.308	.340	.321	.317	.050
.100		.299	.319	.291	.283	.324	.307	.300	.100
.150	.226	.257	.300	.275	.263	.304	.284	.248	.150
.200	.207	.218	.258	.267	.251		.262	.210	.200
.250	.184	.205	.236	.256	.240	.249		.186	.250
.300	.161		.210	.237	.228	.233	.242	.179	.300
.350	.145	.156	.179	.210	.218	.215	.223	.144	.350
.400	.125	.139	.152	.192	.208	.196	.212	.130	.400
.450	.115	.118	.137	.170	.187	.182	.200	.119	.450
.500	.108	.104	.112	.150	.168	.163	.184	.107	.500
.650	.073	.068	.071	.100	.119	.130	.132	.077	.650
.800	.049	.026	.036	.049	.069	.098	.088	.056	.800
.950	.026	.009	.007	.021	.033	.061	.042	.030	.950

[redacted]

TABLE XX

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = -12^\circ$									
Upper surface									
.012		.006	.019	.027	.047				.012
.025							.040		.025
.050	-.059	-.011	.001	.007	.038	.045	.031	.038	.050
.100	-.056	-.034	-.015	-.007	.015	.028	.014	.021	.100
.150	-.063	-.053	-.032	-.013	-.002	.019	.004	.011	.150
.200	-.062	-.077	-.041	-.033	-.019	.009	-.006	.011	.200
.250	-.067	-.082	-.052	-.044	-.039	-.002	-.018	-.005	.250
.300	-.076	-.094	-.067		-.037	-.024	-.027	-.009	.300
.350	-.077	-.103	-.082	-.060	-.054		-.036	-.018	.350
.400	-.083	-.104	-.089	-.071	-.066	-.043	-.050	-.027	.400
.450	-.078	-.108	-.102	-.081	-.071	-.052	-.052	-.033	.450
.500	-.084	-.110	-.114	-.092	-.078	-.065	-.063	-.034	.500
.650	-.091	-.122	-.139	-.120	-.108	-.095	-.083	-.066	.650
.800	-.096	-.135	-.137	-.149	-.133	-.128	-.109	-.154	.800
.950	-.032	-.124	-.128	-.134	-.118	-.107	-.083	-.194	.950
Lower surface									
.011	.385	.416	.377	.326	.391				.011
.020						.371			.020
.050		.406	.347	.326	.350	.358			.050
.100	.267	.340	.344	.309	.318	.340			.100
.150	.256	.293	.333	.295	.281	.321			.150
.200	.237	.254	.298	.286	.272				.200
.250	.214	.235	.272	.277	.252	.286			.250
.300	.198		.242	.268	.244	.264			.300
.350	.177	.184	.213	.235	.230	.243			.350
.400	.156	.159	.184	.219	.219	.212			.400
.450	.145	.141	.165	.195	.207				.450
.500	.140	.129	.144	.172	.193				.500
.650	.107	.086	.093	.119	.151				.650
.800	.087	.048	.057	.063	.093				.800
.950	.066	.033	.026	.031	.056				.950
$\alpha = 5^\circ$ $\beta = -15^\circ$									
Upper surface									
.012		.043	.051	.045	.085				.012
.025							.064		.025
.050	-.044	.020	.026	.032	.061	.064	.056	-.004	.050
.100	-.032	-.018	.008	.007	.035	.052	.037	-.018	.100
.150	-.027	-.032	-.008	.005	.026	.047	.037	-.028	.150
.200	-.051	-.051	-.020	-.013	.011	.028	.025	-.028	.200
.250	-.051	-.064	-.030	-.024	-.004	.024	.011	-.032	.250
.300	-.045	-.082	-.045	-.032	-.013	.008	.006	-.040	.300
.350	-.051	-.078	-.058	-.047	-.031		-.009	-.043	.350
.400	-.060	-.086	-.073	-.048	-.041	-.013	-.021	-.047	.400
.450	-.070	-.089	-.089	-.065	-.057	-.021	-.041	-.051	.450
.500	-.064	-.090	-.090	-.076	-.058	-.033	-.037	-.051	.500
.650	-.078	-.111	-.127	-.106	-.095	-.070	-.060	-.105	.650
.800	-.076	-.123	-.128	-.127	-.112	-.118	-.089	-.202	.800
.950	-.038	-.114	-.118	-.112	-.101	-.088	-.066	-.176	.950
Lower surface									
.011	.413	.438	.394	.341	.429				.011
.020						.410			.020
.050		.439	.369	.353	.382	.380			.050
.100	.307	.377	.365	.333	.346	.364			.100
.150	.283	.323	.355	.315	.312	.353			.150
.200	.267	.278	.316	.303	.301				.200
.250	.246	.250	.289	.299	.275	.312			.250
.300	.227		.262	.289	.266	.294			.300
.350	.206	.206	.232	.261	.253	.269			.350
.400	.185	.179	.202	.242	.239	.248			.400
.450	.172	.164	.182	.218	.231				.450
.500	.165	.148	.160	.198	.214				.500
.650	.134	.113	.115	.142	.168				.650
.800	.113	.070	.073	.089	.114				.800
.950	.092	.052	.042	.051	.070				.950

TABLE XXI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

WING-MOUNTED VERTICAL TAIL CONFIGURATION

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^\circ$		$\beta = 0^\circ$				
				Upper surface					
.012		-.069	-.053	-.033	-.033				.012
.025							-.002		.025
.050	-.121	-.080	-.066	-.044	-.045	-.024	-.015	-.018	.050
.100	-.107	-.096	-.077	-.057	-.056	-.040	-.031	-.031	.100
.150	-.098	-.108	-.087	-.068	-.063	-.052	-.037	-.038	.150
.200	-.096	-.114	-.095	-.076	-.070	-.062	-.047	-.036	.200
.250	-.087	-.108	-.102	-.082	-.064	-.076	-.057	-.036	.250
.300	-.078	-.104	-.110	-.076	-.055	-.093	-.068	-.040	.300
.350	-.077	-.101	-.120	-.091	-.062		-.080	-.051	.350
.400	-.081	-.104	-.122	-.096	-.066	-.109	-.090	-.055	.400
.450	-.082	-.103	-.126	-.103	-.063	-.116	-.100	-.055	.450
.500	-.082	-.104	-.113	-.112	-.059	-.120	-.109	-.059	.500
.650	-.095	-.109	-.119	-.152	-.081	-.128	-.134	-.078	.650
.800	-.108	-.122	-.133	-.170	-.133	-.120	-.131	-.102	.800
.950	-.122	-.133	-.152	-.167	-.151	-.116	-.123	-.121	.950
				Lower surface					
.011	.320	.392	.347	.292	.315				.011
.020						.332	.339		.020
.050		.339	.339	.296	.289	.296	.320	.320	.050
.100	.201	.273	.307	.294	.270	.274	.311	.306	.100
.150	.200	.233	.266	.275	.261	.252	.291	.271	.150
.200	.196	.201	.231	.247	.258		.257	.228	.200
.250	.177	.181	.203	.222	.232	.219	.236	.189	.250
.300	.159		.184	.201	.219	.207	.216		.300
.350	.141	.142	.159	.172	.195	.205	.200	.148	.350
.400	.121	.125	.139	.155	.174	.194	.188	.127	.400
.450	.104	.110	.123	.137	.159	.180	.176	.107	.450
.500	.103	.096	.105	.114	.139	.168	.160	.088	.500
.650	.065	.063	.058	.068	.086	.119	.130	.043	.650
.800	.047	.035	.034	.032	.048	.070	.091	.008	.800
.950	.033	.019	-.001	.005	.014	.033	.056	-.013	.950
			$\alpha = 5^\circ$		$\beta = 2^\circ$				
				Upper surface					
.012		-.074	-.058	-.042	-.044				.012
.025							-.011		.025
.050	-.115	-.084	-.068	-.053	-.051	-.042	-.023	-.020	.050
.100	-.095	-.101	-.082	-.068	-.063	-.057	-.034	-.034	.100
.150	-.087	-.106	-.089	-.076	-.070	-.065	-.044	-.042	.150
.200	-.084	-.108	-.097	-.082	-.075	-.074	-.056	-.038	.200
.250	-.078	-.101	-.106	-.089	-.072	-.082	-.069	-.040	.250
.300	-.072	-.100	-.113	-.082	-.064	-.097	-.079	-.046	.300
.350	-.075	-.097	-.117	-.096	-.071		-.093	-.053	.350
.400	-.078	-.101	-.119	-.096	-.079	-.109	-.100	-.062	.400
.450	-.081	-.100	-.122	-.104	-.077	-.115	-.109	-.063	.450
.500	-.082	-.098	-.111	-.109	-.084	-.122	-.119	-.069	.500
.650	-.096	-.108	-.116	-.140	-.102	-.134	-.141	-.083	.650
.800	-.109	-.123	-.130	-.160	-.152	-.128	-.133	-.104	.800
.950	-.125	-.132	-.148	-.177	-.176	-.122	-.125	-.121	.950
				Lower surface					
.011	.315	.408	.370	.310	.320				.011
.020						.312	.348		.020
.050		.335	.348	.318	.298	.284	.335	.333	.050
.100	.199	.276	.302	.308	.285	.267	.311	.312	.100
.150	.197	.240	.266	.275	.275	.256	.283	.280	.150
.200	.202	.207	.233	.243	.266		.250	.243	.200
.250	.185	.183	.207	.213	.231	.226	.229		.250
.300	.167		.181	.196	.217	.219	.217	.195	.300
.350	.148	.150	.160	.168	.189	.210	.206	.149	.350
.400	.129	.128	.141	.151	.169	.189	.197	.128	.400
.450	.114	.115	.129	.128	.153	.184	.186	.104	.450
.500	.108	.104	.111	.115	.130	.170	.172	.086	.500
.650	.078	.072	.071	.077	.084	.116	.135	.044	.650
.800	.066	.052	.041	.033	.044	.073	.096	.005	.800
.950	.045	.040	.009	.007	.017	.034	.062	-.016	.950

TABLE XXI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 4^\circ$									
Upper surface									
.012		-.070	-.056	-.032	-.034				.012
.025							-.013		.025
.050	-.089	-.079	-.064	-.044	-.041	-.038	-.026	-.018	.050
.100	-.072	-.093	-.077	-.056	-.052	-.051	-.039	-.032	.100
.150	-.067	-.095	-.083	-.065	-.059	-.058	-.050	-.039	.150
.200	-.072	-.090	-.091	-.070	-.064	-.065	-.062	-.037	.200
.250	-.067	-.085	-.098	-.077	-.064	-.076	-.073	-.041	.250
.300	-.065	-.086	-.102	-.070	-.062	-.089	-.083	-.049	.300
.350	-.067	-.084	-.103	-.080	-.070		-.096	-.056	.350
.400	-.070	-.089	-.103	-.080	-.077	-.102	-.104	-.062	.400
.450	-.073	-.085	-.108	-.089	-.078	-.108	-.108	-.063	.450
.500	-.072	-.083	-.091	-.091	-.090	-.115	-.115	-.067	.500
.650	-.088	-.099	-.096	-.109	-.107	-.129	-.133	-.086	.650
.800	-.101	-.112	-.107	-.129	-.150	-.130	-.134	-.108	.800
.950	-.117	-.120	-.123	-.148	-.181	-.121	-.120	-.117	.950
Lower surface									
.011	.255	.413	.387		.319				.011
.020						.301	.343		.020
.050		.324	.350	.331	.305	.283	.317	.333	.050
.100	.174	.256	.294	.301	.296	.268	.292	.312	.100
.150	.182	.221	.256	.262	.276	.263	.267		.150
.200	.190	.189	.219	.231	.258		.245	.242	.200
.250	.179	.174	.193	.203	.218	.237	.227	.206	.250
.300	.161		.168	.181	.203	.218	.219	.190	.300
.350	.146	.147	.147	.154	.182	.207	.211	.142	.350
.400	.125	.128	.131	.139	.162	.188	.199	.119	.400
.450	.113	.112	.117	.121	.140	.177	.190	.097	.450
.500	.108	.100	.105	.103	.121	.160	.171	.075	.500
.650	.082	.075	.068	.069	.066	.110	.127	.036	.650
.800	.070	.050	.040	.028	.035	.065	.086	.000	.800
.950	.040	.035	.009	.009	.007	.028	.047	-.015	.950
$\alpha = 5^\circ$ $\beta = 6^\circ$									
Upper surface									
.012		-.072	-.056	-.041	-.046				.012
.025							-.038		.025
.050	-.058	-.088	-.062	-.053	-.049	-.051	-.047	-.031	.050
.100	-.056	-.091	-.077	-.066	-.062	-.059	-.060	-.045	.100
.150	-.057	-.082	-.083	-.076	-.067	-.070	-.072	-.052	.150
.200	-.063	-.079	-.091	-.082	-.072	-.073	-.082	-.052	.200
.250	-.059	-.075	-.091	-.086	-.078	-.084	-.090	-.057	.250
.300	-.056	-.082	-.090	-.077	-.075	-.097	-.096	-.065	.300
.350	-.056	-.071	-.092	-.088	-.086		-.108	-.073	.350
.400	-.057	-.081	-.091	-.086	-.097	-.111	-.114	-.083	.400
.450	-.060	-.078	-.097	-.096	-.098	-.116	-.120	-.088	.450
.500	-.059	-.078	-.091	-.092	-.112	-.123	-.123	-.092	.500
.650	-.078	-.091	-.095	-.091	-.129	-.141	-.142	-.109	.650
.800	-.092	-.108	-.098	-.109	-.170	-.149	-.149	-.127	.800
.950	-.110	-.112	-.114	-.136	-.201	-.137	-.133	-.124	.950
Lower surface									
.011	.131	.432	.415	.349	.342				.011
.020						.315	.322		.020
.050		.312	.345	.344	.329	.299	.301	.339	.050
.100	.127	.247	.283	.297	.302	.288	.285	.315	.100
.150	.144	.213	.242	.250	.276	.278	.269	.280	.150
.200	.181	.186	.210	.221	.250		.255	.245	.200
.250	.164	.170	.185	.195	.211	.236	.243	.205	.250
.300	.156		.161	.169	.195	.212	.234	.193	.300
.350	.144	.136	.147	.143	.169	.199	.218	.150	.350
.400	.133	.121	.125	.129	.141	.169	.204	.128	.400
.450	.119	.108	.111	.113	.130	.168	.190	.107	.450
.500	.116	.099	.093	.101	.111	.151	.171	.090	.500
.650	.092	.079	.061	.065	.071	.100	.128	.048	.650
.800	.072	.056	.042	.026	.029	.055	.080	.010	.800
.950	.041	.035	.024	.007	.012	.021	.044	-.017	.950

[redacted]

TABLE XXI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5°$				$\beta = 8°$				
	Upper surface								
.012		-.091	-.064	-.051	-.050				.012
.025							-.052		.025
.050	-.026	-.105	-.073	-.060	-.056	-.060	-.063	-.043	.050
.100	-.041	-.091	-.088	-.075	-.066	-.071	-.072	-.057	.100
.150	-.050	-.082	-.096	-.084	-.077	-.072	-.079	-.067	.150
.200	-.058	-.073	-.099	-.090	-.079	-.078	-.088	-.073	.200
.250	-.054	-.073	-.093	-.097	-.085	-.084	-.098	-.077	.250
.300	-.052	-.083	-.091	-.086	-.089	-.102	-.108	-.089	.300
.350	-.056	-.075	-.097	-.091	-.103		-.116	-.088	.350
.400	-.058	-.083	-.095	-.083	-.114	-.116	-.123	-.097	.400
.450	-.063	-.082	-.098	-.093	-.117	-.123	-.125	-.105	.450
.500	-.059	-.084	-.093	-.080	-.129	-.131	-.130	-.108	.500
.650	-.079	-.101	-.095	-.071	-.153	-.150	-.148	-.122	.650
.800	-.098	-.122	-.086	-.084	-.186	-.163	-.157	-.135	.800
.950	-.121	-.122	-.101	-.116	-.214	-.149	-.136	-.128	.950
	Lower surface								
.011	.032	.441	.441	.391	.390				.011
.020						.352	.326		.020
.050		.307	.341	.355	.353	.334	.318	.333	.050
.100	.070	.243	.276	.297	.311	.316	.310	.312	.100
.150	.087	.213	.238	.248	.274	.289	.292	.278	.150
.200	.120	.182	.206	.220	.248		.269	.250	.200
.250	.126	.171	.187	.194	.210	.233	.253	.219	.250
.300	.141		.160	.169	.191	.215	.236		.300
.350	.134	.136	.137	.137	.165	.194	.215	.164	.350
.400	.129	.126	.125	.133	.150	.174	.199	.143	.400
.450	.126	.115	.114	.118	.130	.161	.185	.120	.450
.500	.127	.108	.094	.104	.115	.143	.164	.099	.500
.650	.106	.090	.062	.071	.076	.094	.116	.047	.650
.800	.078	.062	.051	.029	.041	.055	.075	.008	.800
.950	.037	.038	.034	.029	.022	.026	.041	-.029	.950
	$\alpha = 5°$				$\beta = 10°$				
	Upper surface								
.012		-.111	-.066	-.057	-.051				.012
.025							-.051		.025
.050	.035	-.118	-.079	-.066	-.059	-.070	-.063	-.056	.050
.100	-.011	-.096	-.096	-.081	-.072	-.073	-.072	-.066	.100
.150	-.037	-.059	-.098	-.092	-.078	-.077	-.080	-.076	.150
.200	-.050	-.065	-.090	-.098	-.085	-.080	-.090	-.081	.200
.250	-.046	-.071	-.086	-.106	-.093	-.093	-.099	-.084	.250
.300	-.045	-.080	-.085	-.085	-.097	-.103	-.105	-.093	.300
.350	-.046	-.073	-.091	-.089	-.119		-.112	-.094	.350
.400	-.057	-.083	-.085	-.080	-.131	-.117	-.117	-.100	.400
.450	-.056	-.085	-.090	-.100	-.135	-.124	-.124	-.107	.450
.500	-.059	-.087	-.092	-.044	-.146	-.131	-.126	-.112	.500
.650	-.078	-.105	-.096	-.035	-.165	-.152	-.145	-.126	.650
.800	-.103	-.129	-.068	-.064	-.197	-.169	-.161	-.136	.800
.950	-.123	-.117	-.086	-.097	-.220	-.162	-.138	-.126	.950
	Lower surface								
.011	-.096	.447	.452	.407	.416				.011
.020						.382	.373		.020
.050		.295	.331	.340	.355	.350	.353	.343	.050
.100	.031	.239	.266	.280	.301	.313	.329	.332	.100
.150	.044	.211	.234	.238	.259	.284	.303	.297	.150
.200	.063	.188	.203	.205	.232		.273	.269	.200
.250	.070	.176	.182	.182	.193	.219	.249	.240	.250
.300	.091		.158	.163	.179	.203	.233	.225	.300
.350	.091	.149	.141	.131	.155	.186	.212	.182	.350
.400	.099	.127	.127	.131	.129	.162	.193	.157	.400
.450	.104	.119	.112	.117	.120	.155	.177	.132	.450
.500	.112	.112	.099	.099	.110	.140	.151	.108	.500
.650	.091	.100	.066	.064	.066	.087	.112	.051	.650
.800	.065	.068	.057	.023	.035	.051	.069	.006	.800
.950	.035	.037	.030	.028	.016	.023	.036	-.026	.950

[redacted]

TABLE XXI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 12^\circ$									
Upper surface									
.012		-.153	-.077	-.056	-.051				.012
.025							-.056		.025
.050	.093	-.129	-.091	-.067	-.057	-.060	-.066	-.058	.050
.100	.038	-.086	-.104	-.082	-.070	-.065	-.077	-.070	.100
.150	-.005	-.056	-.093	-.091	-.077	-.073	-.085	-.079	.150
.200	-.041	-.066	-.086	-.098	-.085	-.077	-.091	-.082	.200
.250	-.046	-.075	-.084	-.096	-.092	-.088	-.096	-.088	.250
.300	-.045	-.084	-.078	-.073	-.101	-.103	-.101	-.096	.300
.350	-.044	-.080	-.077	-.076	-.122		-.108	-.102	.350
.400	-.059	-.093	-.078	-.069	-.136	-.117	-.115	-.106	.400
.450	-.060	-.102	-.084	-.078	-.138	-.124	-.122	-.115	.450
.500	-.065	-.102	-.082	-.025	-.153	-.132	-.127	-.121	.500
.650	-.084	-.110	-.091	-.002	-.169	-.155	-.144	-.130	.650
.800	-.117	-.122	-.051	-.034	-.196	-.176	-.163	-.134	.800
.950	-.134	-.110	-.069	-.082	-.227	-.167	-.143	-.127	.950
Lower surface									
.011	-.143	.451	.462	.415	.436				.011
.020						.424	.404		.020
.050		.289	.332	.345	.358	.362	.373	.372	.050
.100	-.019	.216	.256	.281	.298	.317	.332	.340	.100
.150	.024	.206	.216	.229	.256	.284	.301	.305	.150
.200	.033	.195	.192	.196	.224		.260	.278	.200
.250	.044	.182	.179	.177	.183	.211	.238	.249	.250
.300	.052		.161	.164	.175	.192	.220	.229	.300
.350	.051	.161	.141	.137	.158	.177	.198	.179	.350
.400	.052	.136	.123	.129	.140	.149	.182	.154	.400
.450	.056	.127	.114	.115	.130	.140	.163	.133	.450
.500	.071	.119	.104	.101	.110	.128	.147	.100	.500
.650	.062	.112	.083	.070	.070	.085	.103	.049	.650
.800	.051	.069	.062	.045	.040	.048	.058	.002	.800
.950	.024	.035	.033	.030	.026	.020	.035	-.033	.950
$\alpha = 5^\circ$ $\beta = 15^\circ$									
Upper surface									
.012		-.207	-.142	-.087	-.072				.012
.025							-.072		.025
.050	.143	-.139	-.154	-.091	-.070	-.068	-.078	-.069	.050
.100	.087	-.122	-.127	-.108	-.076	-.075	-.087	-.081	.100
.150	.032	-.123	-.115	-.116	-.088	-.079	-.092	-.088	.150
.200	-.020	-.122	-.095	-.110	-.098	-.085	-.100	-.092	.200
.250	-.046	-.114	-.079	-.100	-.107	-.092	-.104	-.097	.250
.300	-.066	-.110	-.085	-.077	-.114	-.107	-.111	-.106	.300
.350	-.076	-.097	-.084	-.082	-.138		-.116	-.114	.350
.400	-.088	-.090	-.088	-.044	-.149	-.123	-.122	-.119	.400
.450	-.090	-.088	-.085	-.013	-.158	-.133	-.127	-.126	.450
.500	-.111	-.098	-.082	.014	-.162	-.142	-.134	-.132	.500
.650	-.134	-.128	-.101	.032	-.181	-.166	-.152	-.145	.650
.800	-.152	-.156	-.058	-.026	-.205	-.186	-.173	-.143	.800
.950	-.156	-.121	-.068	-.089	-.229	-.173	-.156	-.139	.950
Lower surface									
.011	-.173	.246	.493	.449	.456				.011
.020						.439	.422		.020
.050		.167	.338	.351	.360	.362	.373	.399	.050
.100	-.165	.133	.261	.280	.295	.306	.326	.341	.100
.150	-.111	.107	.207	.228	.247	.273	.288	.317	.150
.200	-.047	.114	.178	.192	.218		.248	.281	.200
.250	-.019	.120	.169	.171	.174	.192	.221	.252	.250
.300	-.005		.161	.156	.160	.174		.238	.300
.350	-.001	.114	.147	.131	.146	.156	.183	.193	.350
.400	-.007	.093	.134	.131	.129	.134	.161	.165	.400
.450	-.002	.089	.128	.122	.118	.124	.146	.138	.450
.500	.008	.078	.120	.110	.104	.110	.124	.110	.500
.650	.002	.066	.104	.083	.072	.073	.083	.050	.650
.800	-.009	.024	.077	.055	.048	.037	.044	.008	.800
.950	-.033	-.008	.038	.036	.027	.012	.013	-.028	.950

[redacted]

TABLE XXI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^\circ$			$\beta = 0^\circ$					
Upper surface									
.012		-.069	-.053	-.033	-.033				.012
.025							-.002		.025
.050	-.121	-.080	-.066	-.044	-.045	-.024	-.015	-.018	.050
.100	-.107	-.096	-.077	-.057	-.056	-.040	-.031	-.031	.100
.150	-.098	-.108	-.087	-.068	-.063	-.052	-.037	-.038	.150
.200	-.096	-.114	-.095	-.076	-.070	-.062	-.047	-.036	.200
.250	-.087	-.108	-.102	-.082	-.064	-.076	-.057	-.036	.250
.300	-.078	-.104	-.110	-.076	-.055	-.093	-.068	-.040	.300
.350	-.077	-.101	-.120	-.091	-.062		-.080	-.051	.350
.400	-.081	-.104	-.122	-.096	-.066	-.109	-.090	-.055	.400
.450	-.082	-.103	-.126	-.103	-.063	-.116	-.100	-.055	.450
.500	-.082	-.104	-.113	-.112	-.059	-.120	-.109	-.059	.500
.650	-.095	-.109	-.119	-.152	-.081	-.128	-.134	-.078	.650
.800	-.108	-.122	-.133	-.170	-.133	-.120	-.131	-.102	.800
.950	-.122	-.133	-.152	-.167	-.151	-.116	-.123	-.121	.950
Lower surface									
.011	.320	.392	.347	.292	.315				.011
.020						.332	.339		.020
.050		.339	.339	.296	.289	.296	.320	.320	.050
.100	.201	.273	.307	.294	.270	.274	.311	.306	.100
.150	.200	.233	.266	.275	.261	.252	.291	.271	.150
.200	.196	.201	.231	.247	.258		.257	.228	.200
.250	.177	.181	.203	.222	.232	.219	.236	.189	.250
.300	.159		.184	.201	.219	.207	.216		.300
.350	.141	.142	.159	.172	.195	.205	.200	.148	.350
.400	.121	.125	.139	.155	.174	.194	.188	.127	.400
.450	.104	.110	.123	.137	.159	.180	.176	.107	.450
.500	.103	.096	.105	.114	.139	.168	.160	.088	.500
.650	.065	.063	.058	.068	.086	.119	.130	.043	.650
.800	.047	.035	.034	.032	.048	.070	.091	.008	.800
.950	.033	.019	-.001	.005	.014	.033	.056	-.013	.950
	$\alpha = 5^\circ$			$\beta = -2^\circ$					
Upper surface									
.012		-.062	-.044	-.027	-.025				.012
.025							.009		.025
.050	-.123	-.076	-.057	-.041	-.034	-.004	-.002	-.007	.050
.100	-.109	-.090	-.071	-.053	-.047	-.021	-.014	-.023	.100
.150	-.107	-.104	-.081	-.063	-.056	-.032	-.021	-.031	.150
.200	-.107	-.116	-.091	-.071	-.063	-.045	-.033	-.025	.200
.250	-.097	-.116	-.096		-.056	-.059	-.044	-.026	.250
.300	-.089	-.114	-.104	-.072	-.044	-.079	-.054	-.032	.300
.350	-.085	-.109	-.118	-.091	-.054		-.065	-.039	.350
.400	-.089	-.111	-.123	-.099	-.041	-.099	-.073	-.045	.400
.450	-.088	-.111	-.129	-.115	-.028	-.107	-.082	-.045	.450
.500	-.088	-.111	-.127	-.123	-.037	-.113	-.090	-.049	.500
.650	-.095	-.121	-.134	-.167	-.050	-.118	-.117	-.069	.650
.800	-.107	-.124	-.153	-.193	-.110	-.107	-.127	-.089	.800
.950	-.121	-.137	-.178	-.181	-.155	-.107	-.109	-.114	.950
Lower surface									
.011	.319	.379	.338	.297	.311				.011
.020						.349	.342		.020
.050		.339	.327	.300	.293	.316	.327	.315	.050
.100	.212	.271	.307	.290	.272	.283	.311	.299	.100
.150	.199	.236	.273	.278	.257	.260	.294	.261	.150
.200	.196	.205	.233	.255	.257		.266	.223	.200
.250	.175	.187	.215	.229	.236	.216	.246	.184	.250
.300	.154		.187	.210	.224	.206	.229		.300
.350	.139	.143	.161	.181	.209	.198	.209	.140	.350
.400	.117	.125	.139	.161	.183	.191	.192	.127	.400
.450	.101	.112	.121	.141	.168	.177	.180	.108	.450
.500	.098	.098	.110	.124	.146	.169	.161	.091	.500
.650	.059	.062	.072	.077	.097	.121	.124	.056	.650
.800	.041	.033	.028	.034	.044	.080	.090	.019	.800
.950	.028	.012	.000	.003	.020	.042	.052	-.002	.950

[redacted]

TABLE XXI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5°$ $\beta = -4°$									
Upper surface									
.012		-.051	-.032	-.019	-.017				.012
.025							-.001		.025
.050	-.113	-.064	-.049	-.034	-.027	.002	-.009	-.018	.050
.100	-.101	-.081	-.060	-.046	-.040	-.008	-.023	-.033	.100
.150	-.101	-.096	-.070	-.058	-.049	-.021	-.030	-.040	.150
.200	-.101	-.108	-.079	-.065	-.056	-.034	-.041	-.037	.200
.250	-.096	-.113	-.088	-.073	-.046	-.050	-.051	-.041	.250
.300	-.088	-.111	-.098	-.071	-.037	-.079	-.060	-.046	.300
.350	-.085	-.109	-.114	-.089	-.050		-.073	-.051	.350
.400	-.088	-.110	-.117	-.100	-.026	-.102	-.082	-.058	.400
.450	-.085	-.110	-.127	-.116	-.011	-.111	-.091	-.057	.450
.500	-.084	-.110	-.128	-.129	-.017	-.120	-.096	-.059	.500
.650	-.091	-.121	-.140	-.173	-.034	-.122	-.117	-.083	.650
.800	-.101	-.129	-.165	-.200	-.096	-.110	-.135	-.101	.800
.950	-.114	-.139	-.186	-.188	-.257	-.113	-.115	-.130	.950
Lower surface									
.011	.333	.377	.342	.293	.325				.011
.020						.359	.335		.020
.050		.347	.325	.296	.290	.333	.325	.314	.050
.100	.226	.284	.317	.283	.272	.298	.314	.303	.100
.150	.212	.250	.279	.275	.257	.275	.300	.258	.150
.200	.205	.217	.247	.265	.247		.282	.220	.200
.250	.182	.197	.221	.237	.239	.217	.263	.189	.250
.300	.162		.197	.221	.230	.206	.247	.184	.300
.350	.143	.151	.166	.194	.210	.194	.229	.151	.350
.400	.127	.133	.149	.175	.191	.184	.213	.135	.400
.450	.107	.115	.130	.151	.172	.178	.193	.119	.450
.500	.102	.102	.114	.130	.152	.172	.169	.099	.500
.650	.064	.065	.072	.088	.104	.134	.130	.066	.650
.800	.043	.035	.036	.047	.056	.093	.085	.033	.800
.950	.028	.009	.008	.014	.024	.054	.056	.010	.950
$\alpha = 5°$ $\beta = -6°$									
Upper surface									
.012		-.049	-.031	-.017	-.009				.012
.025							-.001		.025
.050	-.114	-.064	-.050	-.031	-.019	.007	-.011	-.007	.050
.100	-.102	-.081	-.062	-.045	-.034	-.005	-.019	-.020	.100
.150	-.108	-.097	-.073	-.057	-.046	-.014	-.025	-.028	.150
.200	-.105	-.113	-.083	-.064	-.054	-.025	-.036	-.026	.200
.250	-.102	-.118	-.090	-.072	-.041	-.040	-.046	-.028	.250
.300	-.102	-.123	-.099	-.066	-.032	-.063	-.053	-.037	.300
.350	-.097	-.121	-.114	-.091	-.045		-.066	-.044	.350
.400	-.102	-.124	-.121	-.108	-.043	-.088	-.077	-.049	.400
.450	-.098	-.123	-.131	-.126	.031	-.098	-.081	-.054	.450
.500	-.099	-.123	-.135	-.140	.009	-.110	-.089	-.060	.500
.650	-.101	-.133	-.158	-.184	.005	-.110	-.110	-.079	.650
.800	-.105	-.149	-.185	-.218	-.078	-.097	-.123	-.109	.800
.950	-.122	-.161	-.195	-.198	-.206	-.103	-.101	-.175	.950
Lower surface									
.011	.346	.377	.341	.291	.328				.011
.020						.367	.334		.020
.050		.361	.323	.296	.297	.339	.326	.316	.050
.100	.230	.297	.327	.283	.283	.319	.309	.297	.100
.150	.224	.261	.295	.270	.256	.296	.293	.250	.150
.200	.210	.218	.255	.263	.252		.271	.206	.200
.250	.184	.201	.232	.246	.235	.240	.260	.184	.250
.300	.164		.206	.231	.229	.221	.252	.185	.300
.350	.146	.157	.172	.196	.220	.206	.233	.151	.350
.400	.127	.142	.158	.179	.203	.189	.218	.134	.400
.450	.108	.123	.140	.157	.180	.180	.201	.120	.450
.500	.109	.108	.122	.139	.165	.169	.178	.106	.500
.650	.063	.073	.063	.089	.112	.129	.135	.068	.650
.800	.047	.031	.044	.044	.070	.095	.090	.045	.800
.950	.024	.010	.005	.016	.035	.063	.043	.024	.950

TABLE XXI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = -8^\circ$									
Upper surface									
.012		-.030	-.009	.012	.024				.012
.025							.015		.025
.050	-.092	-.044	-.030	-.011	.012	.031	.007	.018	.050
.100	-.083	-.063	-.044	-.022	-.008	.018	.002	.002	.100
.150	-.091	-.081	-.056	-.031	-.022	.011	-.004	-.009	.150
.200	-.090	-.097	-.067	-.041	-.037	-.001	-.013	-.005	.200
.250	-.089	-.107	-.073	-.049	-.013	-.014	-.024	-.008	.250
.300	-.094	-.112	-.086	-.045	-.004	-.038	-.037	-.018	.300
.350	-.094	-.116	-.098	-.072	-.025		-.049	-.022	.350
.400	-.099	-.118	-.108	-.095	.004	-.062	-.056	-.030	.400
.450	-.094	-.120	-.118	-.115	.078	-.073	-.063	-.037	.450
.500	-.097	-.121	-.117	-.129	.052	-.084	-.072	-.040	.500
.650	-.098	-.131	-.150	-.172	.044	-.086	-.091	-.060	.650
.800	-.098	-.153	-.181	-.207	-.034	-.075	-.094	-.105	.800
.950	-.115	-.179	-.184	-.187	-.147	-.079	-.079	-.184	.950
Lower surface									
.011	.355	.379	.350	.300	.346				.011
.020						.358	.333		.020
.050		.378	.326	.302	.300	.341	.326	.325	.050
.100	.239	.312	.320	.285	.283	.325	.312	.299	.100
.150	.235	.271	.306	.272	.257	.302	.295	.250	.150
.200	.222	.234	.266	.265	.249		.272	.215	.200
.250	.197	.213	.243	.251	.227	.249	.256	.186	.250
.300	.174		.215	.237	.223	.228	.248	.186	.300
.350	.156	.169	.190	.204	.212	.214	.233	.154	.350
.400	.136	.143	.164	.191	.195	.193	.221	.141	.400
.450	.121	.122	.148	.163	.181	.184	.209	.126	.450
.500	.115	.112	.129	.147	.169	.171	.190	.109	.500
.650	.083	.076	.083	.101	.116	.135	.142	.078	.650
.800	.057	.034	.043	.048	.069	.104	.093	.049	.800
.950	.037	.015	.009	.016	.035	.065	.047	.035	.950
$\alpha = 5^\circ$ $\beta = -10^\circ$									
Upper surface									
.012		-.013	.006	.015	.033				.012
.025							.028		.025
.050	-.076	-.030	-.015	-.002	.024	.032	.017	.025	.050
.100	-.068	-.047	-.031	-.015	.000	.021	.006	.011	.100
.150	-.076	-.066	-.041	-.030	-.013	.014	-.002	-.001	.150
.200	-.077	-.082	-.052	-.038	-.026	.005	-.012	.002	.200
.250	-.077	-.094	-.063	-.046	-.007	-.006	-.024	-.002	.250
.300	-.083	-.103	-.076	-.041	.004	-.033	-.031	-.012	.300
.350	-.085	-.108	-.089	-.070	-.032		-.047	-.019	.350
.400	-.091	-.113	-.100	-.098	.027	-.057	-.056	-.028	.400
.450	-.086	-.113	-.107	-.123	.091	-.065	-.060	-.033	.450
.500	-.091	-.115	-.118	-.141	.071	-.075	-.072	-.040	.500
.650	-.098	-.128	-.158	-.179	.062	-.077	-.092	-.065	.650
.800	-.098	-.158	-.188	-.217	-.018	-.073	-.084	-.123	.800
.950	-.118	-.185	-.186	-.195	-.109	-.079	-.075	-.193	.950
Lower surface									
.011	.371	.388	.359	.307	.362				.011
.020						.361	.351		.020
.050		.390	.333	.312	.324	.349	.339	.340	.050
.100	.256	.323	.331	.295	.290	.332	.325	.306	.100
.150	.244	.282	.316	.273	.272	.316	.307	.260	.150
.200	.228	.240	.283	.270	.256		.282	.228	.200
.250	.206	.221	.256	.259	.230	.261	.266	.197	.250
.300	.184		.230	.246	.235	.246	.257	.199	.300
.350	.167	.174	.194	.218	.218	.225	.240	.168	.350
.400	.144	.151	.170	.201	.203	.203	.229	.155	.400
.450	.128	.132	.155	.179	.193	.194	.215	.143	.450
.500	.123	.118	.132	.151	.177	.180	.197	.124	.500
.650	.088	.082	.088	.107	.125	.141	.148	.089	.650
.800	.065	.038	.048	.055	.081	.108	.108	.073	.800
.950	.045	.021	.014	.023	.042	.076	.055	.052	.950

TABLE XXI

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING,

WING-MOUNTED VERTICAL TAIL CONFIGURATION - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^\circ$		$\beta = -12^\circ$				
				Upper surface					
.012		.006	.026	.032	.053				.012
.025							.047		.025
.050	-.057	-.012	.002	.012	.041	.044	.034	.046	.050
.100	-.052	-.032	-.011	-.004	.015	.032	.020	.027	.100
.150	-.062	-.050	-.030	-.017	.000	.024	.012	.018	.150
.200	-.062	-.072	-.039	-.027	-.013	.012	.002	.018	.200
.250	-.065	-.085	-.051	-.036	.011	.002	-.012	.007	.250
.300	-.072	-.095	-.063	-.034	.020	-.018	-.020	.000	.300
.350	-.073	-.099	-.075	-.062	-.023		-.034	-.009	.350
.400	-.081	-.104	-.088	-.091	.058	-.038	-.041	-.020	.400
.450	-.077	-.107	-.097	-.117	.115	-.047	-.047	-.026	.450
.500	-.083	-.108	-.113	-.141	.105	-.056	-.058	-.034	.500
.650	-.089	-.121	-.158	-.181	.110	-.057	-.081	-.063	.650
.800	-.096	-.159	-.192	-.219	.011	-.063	-.071	-.142	.800
.950	-.121	-.187	-.192	-.203	-.072	-.070	-.059	-.193	.950
				Lower surface					
.011	.382	.412	.377	.327	.396				.011
.020						.376	.356		.020
.050		.409	.349	.330	.355	.357	.349	.355	.050
.100	.276	.340	.347	.312	.322	.346	.332	.314	.100
.150	.258	.295	.334	.290	.285		.312	.273	.150
.200	.244	.262	.300	.283	.278		.288	.241	.200
.250	.214	.242	.276	.280	.249	.279	.275	.215	.250
.300	.197		.247	.266	.245	.264	.265		.300
.350	.178	.181	.214	.234	.230	.250	.247	.180	.350
.400	.159	.170	.188	.220	.218	.221	.235	.168	.400
.450	.144	.149	.170	.194	.207	.208	.226	.152	.450
.500		.135	.149	.172	.197	.195	.207	.142	.500
.650	.111	.098	.101	.120	.143	.148	.168	.112	.650
.800	.086	.047	.065	.072	.099	.114	.112	.090	.800
.950	.065	.033	.023	.036	.057	.083	.065	.069	.950
			$\alpha = 5^\circ$		$\beta = -15^\circ$				
				Upper surface					
.012		.043	.053	.056	.086				.012
.025							.072		.025
.050	-.024	.023	.028	.037	.070	.070	.057	-.007	.050
.100	-.020	-.005	.012	.019	.046	.056	.041	-.023	.100
.150	-.027	-.024	-.005	.006	.031	.049	.034	-.030	.150
.200	-.038	-.049	-.018	-.005	.018	.041	.026	-.032	.200
.250	-.041	-.063	-.027	-.013	.046	.030	.013	-.037	.250
.300	-.046	-.075	-.041	-.018	.053	.008	.004	-.046	.300
.350	-.053	-.077	-.053	-.046	.009		-.011	-.052	.350
.400	-.060	-.085	-.069	-.082	.117	-.013	-.020	-.058	.400
.450	-.060	-.086	-.081	-.110	.187	-.020	-.032	-.058	.450
.500	-.060	-.091	-.094	-.133	.175	-.028	-.041	-.060	.500
.650	-.073	-.110	-.150	-.177		-.026	-.063	-.126	.650
.800	-.079	-.155	-.184	-.217	.062	-.049	-.047	-.225	.800
.950	-.121	-.186	-.186	-.200	-.020	-.063	-.039	-.199	.950
				Lower surface					
.011	.414	.448	.413	.350	.429				.011
.020						.420	.385		.020
.050		.448	.378	.359	.385	.387	.374	.276	.050
.100	.311	.373	.375	.338	.347	.371	.358		.100
.150	.292	.328	.363	.318	.315	.353	.337	.195	.150
.200	.275	.289	.329	.310	.302		.314	.178	.200
.250	.247	.269	.297	.303	.280	.315	.297	.155	.250
.300	.231		.271	.292	.268	.297	.287		.300
.350	.215	.213	.237	.266	.255	.275	.272	.141	.350
.400	.194	.188	.215	.245	.243	.250	.259	.139	.400
.450	.177	.170	.191	.224	.232	.237	.246	.136	.450
.500	.173	.159	.170	.201	.218	.223	.229	.138	.500
.650	.138	.118	.118	.145	.168	.176	.180	.124	.650
.800	.119	.075	.084	.092	.117	.136	.127	.104	.800
.950	.098	.061	.047	.057	.079	.101	.087	.083	.950

[redacted]

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED VERTICAL TAIL CONFIGURATION

(a) $\delta_c = 0^\circ$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^\circ$		$\beta = 0^\circ$				
				Upper surface					
.012		-.056	-.056	-.051	-.051				.012
.025							-.004		.025
.050	-.068	-.062	-.069	-.069	-.058	-.050	-.013	-.005	.050
.100	-.058	-.074	-.078	-.076	-.069	-.062	-.028	-.023	.100
.150	-.061	-.087	-.085	-.076	-.083	-.069	-.040	-.033	.150
.200	-.066	-.083	-.091	-.097	-.083	-.082	-.049	-.027	.200
.250	-.065	-.082	-.096	-.098	-.093	-.090	-.066	-.027	.250
.300	-.064	-.087	-.103		-.095	-.102	-.075	-.036	.300
.350	-.068	-.087	-.108	-.109	-.110		-.085	-.043	.350
.400	-.075	-.090	-.106	-.114	-.119	-.117	-.100	-.045	.400
.450	-.078	-.094	-.109	-.123	-.125	-.122	-.104	-.050	.450
.500	-.077	-.096	-.112	-.123	-.128	-.128	-.115	-.053	.500
.650	-.089	-.108	-.122	-.140	-.149	-.145	-.142	-.074	.650
.800	-.097	-.113	-.135	-.142	-.147	-.157	-.158	-.106	.800
.950	-.113	-.129	-.130	-.126	-.140	-.138	-.135	-.121	.950
				Lower surface					
.011	.208	.333	.358		.333				.011
.020						.340	.357		.020
.050		.277	.321	.327	.308	.303	.338	.343	.050
.100	.144	.223	.285	.298	.298	.282	.317	.317	.100
.150	.137	.191	.240	.265	.278	.265	.292	.287	.150
.200	.144	.165	.209	.245	.268		.263	.244	.200
.250	.133	.148	.187	.217	.239	.239	.237	.205	.250
.300	.123		.161	.188	.221	.228	.223		.300
.350	.113	.120	.139	.166	.195	.216	.207	.152	.350
.400	.102	.103	.123	.146	.172	.198	.193	.130	.400
.450	.095	.091	.109	.128	.148	.172	.181	.106	.450
.500	.085	.082	.092	.109	.132	.156	.163	.085	.500
.650	.057	.062	.060	.075	.085	.112	.128	.027	.650
.800	.046	.027	.030	.028	.042	.065	.090	-.004	.800
.950	.022	.011	.001	.005	.013	.027	.054	-.018	.950
			$\alpha = 5^\circ$		$\beta = 2^\circ$				
				Upper surface					
.012		-.028	-.041	-.053	-.051				.012
.025							-.023		.025
.050	-.030	-.040	-.052	-.065	-.065	-.059	-.037	-.021	.050
.100	-.021	-.051	-.062	-.077	-.075	-.070	-.051	-.032	.100
.150	-.033	-.054	-.066		-.078	-.073	-.062	-.041	.150
.200	-.036	-.057	-.070	-.086	-.082	-.086	-.071	-.043	.200
.250	-.034	-.054	-.077	-.094	-.091	-.091	-.084	-.044	.250
.300	-.033	-.064	-.076		-.092	-.107	-.095	-.050	.300
.350	-.043	-.062	-.081	-.103	-.105		-.105	-.054	.350
.400	-.045	-.066	-.082	-.104	-.109	-.120	-.115	-.062	.400
.450	-.051	-.068	-.086	-.113	-.117	-.123	-.117	-.066	.450
.500	-.056	-.069	-.098	-.115	-.120	-.129	-.129	-.075	.500
.650	-.071	-.086	-.113	-.124	-.137	-.150	-.148	-.086	.650
.800	-.083	-.104	-.127	-.135	-.143	-.150	-.153	-.121	.800
.950	-.109	-.121	-.134	-.120	-.132	-.135	-.135	-.132	.950
				Lower surface					
.011	.140	.320	.358	.334	.335				.011
.020						.320	.344		.020
.050		.264	.311	.327	.320	.288	.322	.339	.050
.100	.120	.206	.275	.294	.301	.281	.295	.323	.100
.150	.128	.178	.232	.257	.278	.268	.269	.285	.150
.200	.127	.155	.198	.227	.257		.244	.236	.200
.250	.126	.143	.175	.201	.226	.240	.226	.199	.250
.300	.119		.155	.181	.203	.224	.216	.185	.300
.350	.107	.113	.132	.149	.177	.208	.204	.141	.350
.400	.097	.101	.115	.132	.160	.187	.191	.115	.400
.450	.089	.089	.104	.115	.140	.167	.181	.094	.450
.500	.085	.080	.090	.096	.119	.152	.166	.075	.500
.650	.064	.059	.054	.061	.070	.099	.122	.024	.650
.800	.052	.031	.024	.022	.035	.052	.082	-.003	.800
.950	.027	.020	-.002	.000	.012	.020	.041	-.020	.950

[redacted]

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^o$		$\beta = 4^o$				
Upper surface									
.012		-.023	-.040	-.046	-.054				.012
.025							-.032		.025
.050	-.024	-.043	-.052	-.058	-.057	-.059	-.049	-.025	.050
.100	-.024	-.056	-.062	-.070	-.070	-.068	-.063	-.037	.100
.150	-.030	-.050	-.066	-.066	-.075	-.078	-.073	-.050	.150
.200	-.038	-.053	-.071	-.077	-.079	-.077	-.082	-.053	.200
.250	-.037	-.052	-.075	-.079	-.086	-.090	-.092	-.050	.250
.300	-.036	-.060	-.075		-.085	-.101	-.101	-.058	.300
.350	-.038	-.059	-.083	-.089	-.101		-.108	-.060	.350
.400	-.045	-.068	-.081	-.094	-.103	-.113	-.116	-.066	.400
.450	-.054	-.070	-.091	-.096	-.105	-.120	-.118	-.075	.450
.500	-.051	-.069	-.086	-.097	-.113	-.128	-.128	-.078	.500
.650	-.077	-.088	-.101	-.115	-.128	-.146	-.139	-.100	.650
.800	-.098	-.116	-.117	-.126	-.136	-.139	-.139	-.124	.800
.950	-.127	-.133	-.132	-.117	-.124	-.124	-.127	-.122	.950
Lower surface									
.011	.100	.304	.339	.335	.355				.011
.020						.327	.334		.020
.050		.244	.293	.321	.328	.301	.306	.339	.050
.100		.188	.241	.288	.299	.290	.286	.315	.100
.150	.107	.157	.206	.246	.266	.278	.271	.281	.150
.200	.108	.134	.170	.213	.244		.252	.244	.200
.250	.106	.125	.156	.178	.213	.240	.238	.196	.250
.300	.101		.136	.162	.192	.216	.229	.184	.300
.350	.092	.104	.115	.136	.169	.198	.215	.142	.350
.400	.083	.085	.104	.121	.145	.176	.201	.120	.400
.450	.078	.073	.092	.104	.124	.168	.184	.103	.450
.500	.078	.066	.078	.087	.106	.147	.167	.084	.500
.650	.059	.052	.047	.050	.058	.098	.124	.035	.650
.800	.052	.031	.022	.015	.029	.049	.077	.002	.800
.950	.024	.017	.009	-.001	.003	.016	.031	-.021	.950
			$\alpha = 5^o$		$\beta = 8^o$				
Upper surface									
.012		-.039	-.030	-.043	-.060				.012
.025							-.056		.025
.050	.027	-.059	-.037	-.049	-.058	-.063	-.065	-.054	.050
.100	-.001	-.041	-.054	-.060	-.070	-.064	-.075	-.063	.100
.150	-.014	-.028	-.063	-.056	-.075	-.077	-.081	-.075	.150
.200	-.031	-.039	-.058	-.070	-.076	-.077	-.089	-.076	.200
.250	-.030	-.046	-.056	-.077	-.084	-.088	-.095	-.079	.250
.300	-.030	-.054	-.059		-.081	-.104	-.101	-.089	.300
.350	-.031	-.049	-.065	-.082	-.094		-.111	-.091	.350
.400	-.049	-.060	-.069	-.082	-.101	-.115	-.117	-.091	.400
.450	-.049	-.060	-.079	-.084	-.101	-.118	-.122	-.101	.450
.500	-.051	-.064	-.081	-.090	-.101	-.132	-.129	-.108	.500
.650	-.075	-.089	-.094	-.108	-.116	-.141	-.146	-.120	.650
.800	-.096	-.113	-.114	-.121	-.134	-.141	-.139	-.134	.800
.950	-.129	-.129	-.129	-.130	-.126	-.127	-.127	-.122	.950
Lower surface									
.011	-.046	.355	.332	.323	.382				.011
.020						.385	.356		.020
.050		.234	.271	.297	.319	.343	.346	.333	.050
.100	.057	.186	.218	.254	.286	.305	.321	.319	.100
.150	.063	.156	.186	.210	.248	.278	.291	.289	.150
.200	.071	.137	.160	.180	.215		.265	.258	.200
.250	.068	.126	.141	.156	.186	.217	.226	.221	.250
.300	.068		.122	.132	.166	.198	.224		.300
.350	.069	.106	.107	.116	.146	.177	.203	.161	.350
.400	.069	.092	.093	.101	.128	.157	.185	.137	.400
.450	.070	.084	.079	.091	.107	.143	.170	.114	.450
.500	.078	.075	.071	.077	.088	.130	.150	.091	.500
.650	.073	.068	.043	.049	.052	.071	.095	.040	.650
.800	.058	.042	.035	.009	.024	.040	.056	-.012	.800
.950	.023	.022	.019	.017	.001	.008	.023	-.041	.950

[redacted]

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^\circ$			$\beta = 12^\circ$					
Upper surface									
.012		-.115	-.053	-.034	-.055				.012
.025							-.056		.025
.050	.108	-.072	-.057	-.045	-.059	-.074	-.071	-.063	.050
.100	.052	-.025	-.076	-.059	-.065	-.081	-.080	-.077	.100
.150	.004	-.033	-.062	-.059	-.065	-.083	-.084	-.087	.150
.200	-.031	-.045	-.057	-.080	-.071	-.090	-.091	-.091	.200
.250	-.036	-.052	-.056	-.077	-.083	-.095	-.101	-.095	.250
.300	-.043	-.062	-.056		-.083	-.103	-.107	-.099	.300
.350	-.050	-.064	-.052	-.078	-.097		-.118	-.102	.350
.400	-.065	-.078	-.062	-.075	-.097	-.109	-.122	-.108	.400
.450	-.064	-.078	-.078	-.077	-.097	-.118	-.123	-.115	.450
.500	-.072	-.077	-.081	-.076	-.097	-.120	-.129	-.118	.500
.650	-.090	-.099	-.100	-.109	-.114	-.133	-.142	-.131	.650
.800	-.115	-.123	-.123	-.131	-.135	-.142	-.148	-.142	.800
.950	-.145	-.147	-.142	-.142	-.145	-.127	-.134	-.128	.950
Lower surface									
.011	-.082	.384	.382	.327	.370				.011
.020						.417	.410		.020
.050		.237	.272	.273	.299	.345	.375	.383	.050
.100	-.044	.172	.210	.222	.247	.295	.320	.340	.100
.150	.025	.155	.162	.177	.209	.257	.288	.307	.150
.200	.048	.141	.144	.151	.186		.256	.270	.200
.250	.036	.154	.131	.132	.158	.195	.223	.239	.250
.300	.026		.123	.119	.141	.167	.207	.223	.300
.350	.020	.126	.109	.097	.120	.155	.183	.177	.350
.400	.013	.095	.099	.099	.103	.135	.166	.153	.400
.450	.020	.097	.079	.091	.093	.123	.148	.124	.450
.500	.036	.089	.069	.074	.085	.107	.128	.097	.500
.650	.037	.078	.055	.048	.047	.065	.081	.032	.650
.800	.030	.037	.041	.022	.022	.030	.043	-.013	.800
.950	-.004	.013	.015	.015	.009	.000	.020	-.047	.950
	$\alpha = 5^\circ$			$\beta = 15^\circ$					
Upper surface									
.012		-.174	-.085	-.030	-.032				.012
.025							-.068		.025
.050	.091	-.105	-.111	-.040	-.030	-.060	-.072	-.077	.050
.100	.054	-.079	-.103	-.064	-.041	-.060	-.082	-.084	.100
.150	.008	-.079	-.083	-.070	-.053	-.066	-.086	-.095	.150
.200	-.032	-.069	-.077	-.086	-.062	-.071	-.091	-.092	.200
.250	-.057	-.063	-.050	-.078	-.070	-.079	-.092	-.096	.250
.300	-.079	-.070	-.058		-.077	-.094	-.096	-.103	.300
.350	-.086	-.065	-.060	-.075	-.090		-.105	-.109	.350
.400	-.108	-.079	-.066	-.071	-.089	-.109	-.110	-.115	.400
.450	-.104	-.090	-.079	-.064	-.086	-.117	-.117	-.124	.450
.500	-.122	-.104	-.075	-.057	-.084	-.124	-.121	-.127	.500
.650	-.134	-.135	-.109	-.094	-.091	-.132	-.139	-.136	.650
.800	-.145	-.167	-.134	-.130	-.114	-.141	-.159	-.140	.800
.950	-.155	-.172	-.148	-.153	-.143	-.126	-.139	-.133	.950
Lower surface									
.011	-.104	.247	.422	.358	.372				.011
.020						.389	.419		.020
.050		.195	.293	.285	.289	.321	.363	.397	.050
.100	-.107	.162	.225	.232	.240	.271	.303	.344	.100
.150	-.079	.156	.182	.186	.201	.238	.272	.302	.150
.200	-.040	.146	.161	.158	.176		.233	.275	.200
.250	-.019	.152	.147	.142	.139	.179	.218	.246	.250
.300	-.007		.134	.125	.128	.156	.189	.229	.300
.350	-.009	.154	.119	.106	.116	.139	.169	.172	.350
.400	-.014	.133	.107	.102	.102	.125	.148	.162	.400
.450	-.012	.127	.103	.093	.090	.106	.135	.133	.450
.500	.000	.117	.092	.081	.078	.092	.114	.106	.500
.650	-.006	.096	.068	.060	.056	.054	.076	.043	.650
.800	-.007	.037	.046	.029	.032	.029	.039	-.004	.800
.950	-.036	.005	.020	.019	.018	.004	.012	-.046	.950

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^0$		$\beta = 0^0$				
				Upper surface					
.012		-.056	-.056	-.051	-.051				.012
.025							-.004		.025
.050	-.068	-.062	-.069	-.069	-.058	-.050	-.013	-.005	.050
.100	-.058	-.074	-.078	-.076	-.069	-.062	-.028	-.023	.100
.150	-.061	-.087	-.085	-.076	-.083	-.069	-.040	-.033	.150
.200	-.066	-.083	-.091	-.097	-.083	-.082	-.049	-.027	.200
.250	-.065	-.082	-.096	-.098	-.093	-.090	-.066	-.027	.250
.300	-.064	-.087	-.103		-.095	-.102	-.075	-.036	.300
.350	-.068	-.087	-.108	-.109	-.110		-.085	-.043	.350
.400	-.075	-.090	-.106	-.114	-.119	-.117	-.100	-.045	.400
.450	-.078	-.094	-.109	-.123	-.125	-.122	-.104	-.050	.450
.500	-.077	-.096	-.112	-.123	-.128	-.128	-.115	-.053	.500
.650	-.089	-.108	-.122	-.140	-.149	-.145	-.142	-.074	.650
.800	-.097	-.113	-.135	-.142	-.147	-.157	-.158	-.106	.800
.950	-.113	-.129	-.130	-.126	-.140	-.138	-.135	-.121	.950
				Lower surface					
.011	.208	.333	.358		.333				.011
.020						.340	.357		.020
.050		.277	.321	.327	.308	.303	.338	.343	.050
.100	.144	.223	.285	.298	.298	.282	.317	.317	.100
.150	.137	.191	.240	.265	.278	.265	.292	.287	.150
.200	.144	.165	.209	.245	.268		.263	.244	.200
.250	.133	.148	.187	.217	.239	.239	.237	.205	.250
.300	.123		.161	.188	.221	.228	.223		.300
.350	.113	.120	.139	.166	.195	.216	.207	.152	.350
.400	.102	.103	.123	.146	.172	.198	.193	.130	.400
.450	.095	.091	.109	.128	.148	.172	.181	.106	.450
.500	.085	.082	.092	.109	.132	.156	.163	.085	.500
.650	.057	.062	.060	.075	.085	.112	.128	.027	.650
.800	.046	.027	.030	.028	.042	.065	.090	-.004	.800
.950	.022	.011	.001	.005	.013	.027	.054	-.018	.950
			$\alpha = 5^0$		$\beta = -2^0$				
				Upper surface					
.012		-.059	-.057	-.050	-.039				.012
.025							.001		.025
.050	-.084	-.070	-.072	-.062	-.049	-.034	-.011	-.027	.050
.100	-.072	-.087	-.082	-.077	-.068	-.045	-.025	-.037	.100
.150	-.074	-.091	-.089	-.077	-.075	-.063	-.032	-.044	.150
.200	-.081	-.100	-.096	-.093	-.084	-.071	-.045	-.037	.200
.250	-.076	-.094	-.100	-.097	-.091	-.081	-.059		.250
.300	-.075	-.095	-.107		-.091	-.094	-.065	-.036	.300
.350	-.081	-.095	-.116	-.109	-.104		-.077	-.042	.350
.400	-.085	-.101		-.119	-.115	-.111	-.088	-.045	.400
.450	-.087	-.102	-.119	-.127	-.119	-.120	-.097	-.051	.450
.500	-.090	-.102	-.122	-.133	-.128	-.129	-.107	-.051	.500
.650	-.093	-.111	-.130	-.149	-.151	-.148	-.134	-.075	.650
.800	-.090	-.119	-.142	-.142	-.162	-.168	-.161	-.103	.800
.950	-.107	-.119	-.130	-.132	-.139	-.145	-.134	-.127	.950
				Lower surface					
.011	.243	.346	.346	.317	.340				.011
.020						.353	.351		.020
.050		.304	.325	.324	.311	.322	.343	.312	.050
.100	.156	.244	.295	.303	.292	.290	.324		.100
.150	.153	.212	.259	.280	.277	.273	.298	.268	.150
.200	.155	.178	.220	.256	.268		.269	.233	.200
.250	.146	.164	.195	.231	.247	.240		.198	.250
.300	.134		.172	.207	.226	.226	.234		.300
.350	.122	.125	.148	.182	.205	.212	.216	.154	.350
.400	.106	.112	.122	.156	.183	.200	.198	.137	.400
.450	.094	.099	.111	.140	.162	.184	.186	.120	.450
.500	.087	.085	.097	.119	.144	.165	.165	.103	.500
.650	.059	.064	.057	.082	.086	.121	.128	.058	.650
.800	.038	.022	.022	.037	.045	.077	.098	.021	.800
.950	.010	.001	.005	.008	.019	.030	.056	-.005	.950

[redacted]

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^o$		$\beta = -4^o$				
				Upper surface					
.012		-.069	-.053	-.039	-.026				.012
.025							.002		.025
.050	-.113	-.079	-.068	-.053	-.040	-.009	-.005	-.026	.050
.100	-.103	-.097	-.081	-.065	-.051	-.020	-.023	-.034	.100
.150	-.103	-.108	-.094	-.065	-.060	-.038	-.028	-.044	.150
.200	-.104	-.120	-.101	-.082	-.069	-.052	-.037	-.040	.200
.250	-.102	-.122	-.108	-.089	-.082	-.063	-.049	-.043	.250
.300	-.101	-.119	-.115		-.084	-.084	-.056	-.050	.300
.350	-.101	-.116	-.128	-.104	-.096		-.068	-.052	.350
.400	-.106	-.120	-.134	-.120	-.106	-.103	-.079	-.058	.400
.450	-.110	-.122	-.139	-.127	-.109	-.114	-.083	-.060	.450
.500	-.106	-.121	-.135	-.130	-.122	-.121	-.097	-.060	.500
.650	-.108	-.134	-.146	-.152	-.143	-.142	-.121	-.081	.650
.800	-.097	-.139	-.148	-.149	-.162	-.159	-.147	-.098	.800
.950	-.101	-.125	-.140	-.139	-.138	-.142	-.133	-.140	.950
				Lower surface					
.011	.283	.360	.352	.317	.338				.011
.020						.376	.352		.020
.050		.326	.327	.322	.312	.337	.341	.301	.050
.100	.184	.256	.305	.294	.294	.304	.331		.100
.150	.165	.224	.270	.280	.273	.277	.310	.249	.150
.200	.168	.188	.235	.261	.266		.281	.213	.200
.250	.155	.175	.210	.241	.249	.242	.256	.176	.250
.300	.139		.181	.217	.231	.225	.249		.300
.350	.128	.132	.158	.185	.211	.213	.230	.149	.350
.400	.110	.118	.133	.165	.193	.199	.212	.137	.400
.450	.101	.103	.119	.147	.170	.186	.198	.121	.450
.500	.092	.084	.105	.127	.149	.175	.177	.107	.500
.650	.056	.063	.063	.078	.103	.129	.137	.070	.650
.800	.033	.021	.023	.037	.058	.086	.097	.037	.800
.950	.017	.002	.003	.010	.022	.049	.059	.014	.950
			$\alpha = 5^o$		$\beta = -8^o$				
				Upper surface					
.012		-.039	-.022	-.007	-.001				.012
.025							.002		.025
.050	-.104	-.056	-.043	-.027	-.013	.011	-.011	.001	.050
.100	-.097	-.075	-.052	-.040	-.033	.001	-.020	-.021	.100
.150	-.107	-.094	-.066	-.044	-.041	-.008	-.018	-.025	.150
.200	-.105	-.112	-.076	-.063	-.049	-.020	-.027	-.022	.200
.250	-.105	-.124	-.085	-.065	-.058	-.034	-.037	-.021	.250
.300	-.109	-.124	-.096		-.059	-.051	-.044	-.032	.300
.350	-.107	-.133	-.112	-.085	-.079		-.056	-.034	.350
.400	-.110	-.134	-.120	-.096	-.086	-.076	-.065	-.045	.400
.450	-.101	-.134	-.128	-.108	-.094	-.086	-.071	-.050	.450
.500	-.105	-.130	-.143	-.115	-.104	-.096	-.079	-.058	.500
.650	-.103	-.141	-.160	-.137	-.127	-.124	-.099	-.082	.650
.800	-.098	-.156	-.153	-.165	-.155	-.141	-.121	-.127	.800
.950	-.083	-.150	-.146	-.150	-.133	-.128	-.104	-.195	.950
				Lower surface					
.011	.341	.387	.372	.325	.354				.011
.020						.379	.332		.020
.050		.377	.347	.323	.322	.354	.324	.319	.050
.100	.230	.310	.340	.310	.301	.336	.313		.100
.150	.224	.268	.315	.294	.284	.313	.297	.241	.150
.200	.218	.234	.281	.285	.274		.277	.214	.200
.250	.198	.214	.249	.270	.259	.262	.264	.185	.250
.300	.175		.221	.250	.246	.241	.255		.300
.350	.157	.169	.193	.219	.235	.226	.244	.153	.350
.400	.135	.146	.165	.197	.218	.207	.228	.139	.400
.450	.126	.130	.151	.175	.199	.196	.218	.122	.450
.500	.117	.112	.135	.155	.183	.181	.198	.114	.500
.650	.080	.077	.089	.104	.127	.147	.148	.083	.650
.800	.059	.033	.047	.055	.070	.112	.101	.058	.800
.950	.036	.016	.008	.021	.036	.069	.054	.036	.950

[redacted]

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = -12^\circ$									
Upper surface									
.012		-.007	.011	.021	.042				.012
.025							.030		.025
.050	-.075	-.024	-.011	.004	.028	.037	.015	.038	.050
.100	-.063	-.046	-.028	-.011	.006	.024	-.004	.021	.100
.150	-.075	-.063	-.044	-.018	-.011	.013	-.009	.012	.150
.200	-.076	-.085	-.053	-.034	-.027	.001	-.019	.013	.200
.250	-.077	-.096	-.061	-.042	-.040	-.011	-.028	.002	.250
.300	-.080	-.106	-.078		-.043	-.027	-.036	-.006	.300
.350	-.087	-.113	-.087	-.063	-.058		-.045	-.014	.350
.400	-.093	-.117	-.098	-.076	-.070	-.045	-.053	-.025	.400
.450	-.084	-.117	-.109	-.088	-.075	-.055	-.061	-.033	.450
.500	-.090	-.120	-.115	-.095	-.081	-.065	-.069	-.039	.500
.650	-.098	-.132	-.139	-.119	-.109	-.101	-.085	-.064	.650
.800	-.107	-.147	-.138	-.152	-.136	-.126	-.106	-.159	.800
.950	-.051	-.135	-.129	-.136	-.120	-.112	-.083	-.193	.950
Lower surface									
.011	.386	.400	.372	.335	.397				.011
.020						.395	.335		.020
.050		.403	.337	.339	.354	.367	.327	.354	.050
.100		.339	.340	.314	.320	.351	.308	.312	.100
.150	.251	.298	.328	.299	.287	.335	.299	.267	.150
.200	.237	.251	.302	.290	.277		.276	.236	.200
.250	.216	.231	.269	.286	.263	.287	.258	.209	.250
.300	.198		.242	.273	.248	.266	.257	.203	.300
.350	.181	.180	.211	.251	.236	.250	.241	.169	.350
.400	.156	.158	.186	.228	.229	.221	.228	.158	.400
.450	.147	.144	.167	.204	.216	.212	.219	.142	.450
.500	.140	.127	.145	.186	.200	.187	.203	.127	.500
.650	.109	.096	.100	.127	.149	.145	.161	.100	.650
.800	.088	.055	.058	.079	.100	.114	.102	.078	.800
.950	.064	.030	.033	.042	.065	.082	.062	.060	.950
$\alpha = 5^\circ$ $\beta = -15^\circ$									
Upper surface									
.012		.028	.051	.042	.081				.012
.025							.047		.025
.050	-.032	.017	.024	.031	.064	.063	.038	-.007	.050
.100	-.026	-.009	.004	.008	.036	.047	.015	-.027	.100
.150	-.034	-.031	-.013	.007	.021	.039	.014	-.025	.150
.200	-.051	-.050	-.024	-.013	.006	.031	.006	-.009	.200
.250	-.046	-.066	-.033	-.021	-.009	.018	-.004	-.005	.250
.300	-.050	-.081	-.049		-.018	.000	-.014	-.004	.300
.350	-.055	-.085	-.056	-.042	-.034		-.028	-.006	.350
.400	-.064	-.090	-.071	-.055	-.047	-.020	-.036	-.009	.400
.450	-.062	-.093	-.083	-.066	-.055	-.028	-.042	-.012	.450
.500	-.062	-.093	-.097	-.074	-.063	-.043	-.049	-.017	.500
.650	-.074	-.110	-.128	-.106	-.094	-.075	-.070	-.055	.650
.800	-.075	-.127	-.125	-.128	-.113	-.104	-.087	-.195	.800
.950	-.038	-.114	-.113	-.121	-.101	-.085	-.064	-.183	.950
Lower surface									
.011	.413	.438	.407	.354	.433				.011
.020						.412	.366		.020
.050		.440	.374	.358	.382	.391	.350	.277	.050
.100	.300	.367	.369	.336	.350	.373	.336		.100
.150	.278	.324	.360	.316	.319	.355	.316	.212	.150
.200	.267	.281	.329	.305	.301		.291	.205	.200
.250	.244	.257	.297	.305	.276	.312	.270	.196	.250
.300	.227		.264	.292	.268	.296	.274		.300
.350	.211	.206	.234	.264	.254	.280	.255	.193	.350
.400	.190	.184	.212	.242	.242	.254	.247	.183	.400
.450	.175	.165		.220	.230	.233	.238	.175	.450
.500	.170	.150	.167	.202	.220	.219	.221	.163	.500
.650	.135	.118	.120	.143	.169	.168	.179	.128	.650
.800	.120	.080	.078	.091	.115	.128	.124	.100	.800
.950	.101	.055	.043	.058	.082	.091	.084	.065	.950

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 15^o$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^o$ $\beta = 0^o$									
Upper surface									
.012		-.047	-.070	-.095	-.089				.012
.025							-.037		.025
.050	.033	-.021	-.078	-.102	-.095	-.075	-.050	-.038	.050
.100	.019	-.033	-.071	-.107	-.104	-.081	-.068	-.052	.100
.150	.002	-.047	-.074	-.095	-.109	-.090	-.070	-.058	.150
.200	.002	-.066	-.081	-.103	-.109	-.103	-.083	-.049	.200
.250	.000	-.074	-.076	-.097		-.108	-.094	-.057	.250
.300	-.009	-.084	-.095		-.114	-.126	-.106	-.056	.300
.350	-.017	-.104	-.088	-.100	-.125		-.114	-.068	.350
.400	-.019	-.109	-.089	-.107	-.123	-.140	-.123	-.074	.400
.450	-.036	-.109	-.100	-.102	-.116	-.142	-.134	-.071	.450
.500	-.059	-.109	-.112	-.100	-.123	-.150	-.136	-.074	.500
.650	-.081	-.109	-.119	-.107	-.131	-.165	-.161	-.109	.650
.800	-.094	-.131	-.134	-.131	-.145	-.150	-.161	-.133	.800
.950	-.119	-.139	-.150	-.142	-.142	-.144	-.151	-.150	.950
Lower surface									
.011	.005	.201	.358	.407	.389				.011
.020						.364	.362		.020
.050		.158	.260	.362	.375	.337	.344	.359	.050
.100	.031	.130	.221	.301	.337	.323	.320	.317	.100
.150	.042	.123	.186	.250	.295	.314	.299	.300	.150
.200	.062	.111	.161	.218	.265		.272	.252	.200
.250	.069	.113	.145	.182	.225	.271	.263	.209	.250
.300	.070		.132	.163	.200	.247	.250	.197	.300
.350	.075	.102	.113	.138	.174	.224	.233	.154	.350
.400	.067	.085	.097	.120	.149	.201	.219	.133	.400
.450	.067	.083	.088	.104	.134	.173	.205	.112	.450
.500	.069	.071	.081	.088	.120	.156	.186	.092	.500
.650	.048	.049	.046	.058	.065	.105	.137	.054	.650
.800	.023	.023	.020	.012	.032	.054	.089	.016	.800
.950	.014	.000	.001	-.001	-.001	.021	.042	-.002	.950
$\alpha = 5^o$ $\beta = 4^o$									
Upper surface									
.012		.139	.041	-.096	-.091				.012
.025							-.068		.025
.050	.009	.088	.023	-.094	-.098	-.091	-.081	-.047	.050
.100	.001	.053	-.023	-.075	-.104	-.092	-.092	-.066	.100
.150	.002	.043	-.043	-.049	-.105	-.095	-.097	-.073	.150
.200	.020	.025	-.063	-.070	-.094	-.103	-.105	-.073	.200
.250	.027	.015	-.065	-.065	-.089	-.109	-.114	-.083	.250
.300	.026	-.001	-.083	-.065	-.084	-.128	-.121	-.082	.300
.350	.023	.001	-.102		-.094		-.127	-.089	.350
.400	.008	.000	-.105	-.068	-.097	-.136	-.135	-.095	.400
.450	-.002	-.021	-.097	-.075	-.082	-.130	-.139	-.095	.450
.500	-.009	-.041	-.107	-.086	-.073	-.130	-.144	-.099	.500
.650	-.045	-.075	-.105	-.098	-.089	-.136	-.159	-.121	.650
.800	-.095	-.115	-.115	-.120	-.110	-.139	-.139	-.146	.800
.950	-.129	-.139	-.128	-.136	-.131	-.146	-.135	-.137	.950
Lower surface									
.012		.129	.155	.384	.465				.012
.020						.413	.349		.020
.050		.094	.125	.303	.375	.382	.339	.355	.050
.100	.060	.075	.133	.242	.309	.345	.333	.326	.100
.150	.065	.075	.125	.208	.261	.307	.318	.293	.150
.200	.063	.072	.122	.184	.229		.286	.255	.200
.250	.055	.070	.115	.165	.199	.242	.264	.214	.250
.300	.041		.109	.149	.179	.221	.251	.205	.300
.350	.033	.075	.095	.125	.162	.200	.232	.163	.350
.400	.026	.061	.086	.113	.140	.176	.210	.141	.400
.450	.028	.061	.079	.098	.126	.156	.192	.121	.450
.500	.030	.051	.072	.082	.105	.137	.170	.098	.500
.650	.041	.042	.044	.055	.061	.093	.118	.050	.650
.800	.043	.024	.019	.007	.028	.044	.072	.000	.800
.950	.024	.019	.003	-.003	.006	.012	.037	-.024	.950

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^\circ$				$\beta = 8^\circ$				
	Upper surface								
.012		.177	.094	-.036	-.118				.012
.025							-.081		.025
.050	-.037	.148	.084	-.032	-.109	-.113	-.091	-.078	.050
.100	-.008	.095	.075	-.031	-.088	-.116	-.105	-.089	.100
.150	.008	.065	.053	-.032	-.086	-.109	-.110	-.100	.150
.200	-.001	.044	.033	-.051	-.052	-.110	-.120	-.101	.200
.250	-.008	.026	.024	-.059	-.062	-.108	-.127	-.107	.250
.300	-.002	.006	.001		-.062	-.113	-.129	-.109	.300
.350	.000	.004	-.006	-.070	-.083		-.136	-.116	.350
.400	-.008	-.014	-.019	-.105	-.079	-.113	-.136	-.120	.400
.450	-.020	-.018	-.027	-.107	-.076	-.115	-.135	-.126	.450
.500	-.026	-.021	-.021	-.107	-.078	-.116	-.143	-.124	.500
.650	-.072	-.065	-.066	-.102	-.102	-.101	-.150	-.140	.650
.800	-.094	-.105	-.102	-.120	-.123	-.122	-.141	-.148	.800
.950	-.135	-.147	-.130	-.130	-.146	-.142	-.140	-.132	.950
	Lower surface								
.011	.166	.015	.079	.214	.410				.011
.020						.454	.428		.020
.050		.063	.055	.170	.312	.377	.390	.375	.050
.100		.086	.058	.139	.245	.321	.351	.340	.100
.150	.054	.064	.079	.127	.203	.273	.316	.321	.150
.200	.036	.041	.065	.135	.183		.277	.281	.200
.250	.029	.032	.060	.125	.172		.256	.242	.250
.300	.025		.057	.116	.151	.186	.218	.214	.300
.350	.025	.027	.044	.097	.137	.167	.204	.173	.350
.400	.013	.013	.039	.085	.116	.152	.181	.141	.400
.450	.011	.018	.039	.070	.097	.133	.162	.113	.450
.500	.006	.011	.041	.060	.081	.119	.144	.089	.500
.650	.012	.013	.022	.029	.042	.071	.102	.032	.650
.800	.018	.018	.011	-.004	.007	.027	.063	-.018	.800
.950	.004	.007	.006	-.013	-.012	.001	.025	-.041	.950
	$\alpha = 5^\circ$				$\beta = 12^\circ$				
	Upper surface								
.012		.167	.067	.083	-.045				.012
.025							-.091		.025
.050	-.028	.139	.070	.056	-.020	-.117	-.092	-.078	.050
.100	-.026	.095	.082	.034	-.032	-.101	-.102	-.086	.100
.150	-.034	.081	.066	.039	-.050	-.084	-.105	-.095	.150
.200	-.051	.020	.070	.024	-.046	-.079	-.114	-.094	.200
.250	-.050	-.006	.051	.028	-.053	-.091	-.117	-.102	.250
.300	-.034	-.022	.019	.030	-.046		-.123	-.108	.300
.350	-.031	-.015	.009	.005	-.057	-.078	-.127	-.114	.350
.400	-.045	-.034	-.005	-.012	-.053	-.082	-.124	-.120	.400
.450	-.063	-.043	-.018	-.024	-.057	-.081	-.120	-.120	.450
.500	-.060	-.039	-.025	-.037	-.070	-.082	-.122	-.130	.500
.650	-.097	-.097	-.058	-.060	-.094	-.099	-.122	-.143	.650
.800	-.096	-.127	-.094	-.097	-.112	-.118	-.118	-.131	.800
.950	-.134	-.150	-.121	-.124	-.131	-.135	-.128	-.122	.950
	Lower surface								
.011	.145	.005	.182	.140	.262				.011
.020						.427	.443		.020
.050		.020	.127	.120	.202	.337	.388	.415	.050
.100	.046	.042	.097	.098	.157	.275	.329	.353	.100
.150	.010	.055	.111	.082	.142	.233	.288	.318	.150
.200	.002	.030	.092	.094	.134		.247	.279	.200
.250	.002	.043	.066	.087	.127	.184	.239	.241	.250
.300	.002		.056	.073	.117	.164	.202	.223	.300
.350	.006	.038	.038	.061	.099	.153	.178	.171	.350
.400	.005	.035	.027	.054	.087	.134	.157	.143	.400
.450	.013	.029	.026	.047	.076	.115	.142	.118	.450
.500	.020	.027	.019	.038	.064	.098	.118	.093	.500
.650	.008	.036	.020	.027	.034	.052	.084	.036	.650
.800	-.008	.015	.010	.013	.013	.016	.038	-.008	.800
.950	-.026	-.007	-.003	.003	.005	-.008	.008	-.042	.950

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 15^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^o$				$\beta = 15^o$				
Upper surface									
.012		.141	.038	.056	.043				.012
.025							-.107		.025
.050	-.077	.116	.043	.042	.028	-.096	-.111	-.103	.050
.100	-.068	.056	.052	.015	.011	-.081	-.115	-.110	.100
.150	-.076	.025	.038	.025	.005	-.065	-.120	-.116	.150
.200	-.071	-.002	.019	.015	.001	-.069	-.115	-.119	.200
.250	-.076	-.025	.026	.009	-.005	-.074	-.111	-.122	.250
.300	-.094	-.063	.019	.007	-.006	-.076	-.113	-.134	.300
.350	-.100	-.081	-.005	.001	-.018		-.114	-.134	.350
.400	-.109	-.111	-.023	.002	-.028	-.091	-.117	-.143	.400
.450	-.104	-.132	-.038	-.015	-.042	-.103	-.110	-.154	.450
.500	-.114	-.143	-.053	-.020	-.034	-.111	-.107	-.162	.500
.650	-.135	-.161	-.097	-.077	-.068	-.108	-.104	-.148	.650
.800	-.145	-.177	-.129	-.108	-.102	-.125	-.120	-.142	.800
.950	-.159	-.183	-.148	-.129	-.133	-.139	-.141	-.139	.950
Lower surface									
.011	.137	-.035	.177	.173	.161				.011
.020						.346	.412		.020
.050		-.038	.128	.155	.140	.272	.350	.414	.050
.100	.020	-.008	.098	.119	.120	.224	.298	.359	.100
.150	-.002	.013	.095	.100	.100	.194	.254	.313	.150
.200	-.009		.091	.105	.105		.214	.278	.200
.250	-.016	-.014	.056	.088	.093	.154		.245	.250
.300	-.012		.035	.077	.084	.140	.175		.300
.350	-.003	-.002	.017	.049	.070	.130	.158	.184	.350
.400	.005	-.005	.008	.036	.057	.114	.142	.156	.400
.450	.014	.007	.010	.029	.044	.093	.127	.133	.450
.500	.019	.014	.009	.024	.030	.078	.105	.106	.500
.650	-.007	.015	.007	.021	.013	.030	.065	.045	.650
.800	-.029	-.005	-.010	.006	.007	.002	.023	-.006	.800
.950	-.054	-.033	-.024	-.002	.003	-.010	-.007	-.040	.950

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^\circ$		$\beta = 0^\circ$				
				Upper surface					
.012		-.047	-.070	-.095	-.089				.012
.025							-.037		.025
.050	.033	-.021	-.078	-.102	-.095	-.075	-.050	-.038	.050
.100	.019	-.033	-.071	-.107	-.104	-.081	-.068	-.052	.100
.150	.002	-.047	-.074	-.095	-.109	-.090	-.070	-.058	.150
.200	.002	-.066	-.081	-.103	-.109	-.103	-.083	-.049	.200
.250	.000	-.074	-.076	-.097		-.108	-.094	-.057	.250
.300	-.009	-.084	-.095		-.114	-.126	-.106	-.056	.300
.350	-.017	-.104	-.088	-.100	-.125		-.114	-.068	.350
.400	-.019	-.109	-.089	-.107	-.123	-.140	-.123	-.074	.400
.450	-.036	-.109	-.100	-.102	-.116	-.142	-.134	-.071	.450
.500	-.059	-.109	-.112	-.100	-.123	-.150	-.136	-.074	.500
.650	-.081	-.109	-.119	-.107	-.131	-.165	-.161	-.109	.650
.800	-.094	-.131	-.134	-.131	-.145	-.150	-.161	-.133	.800
.950	-.119	-.139	-.150	-.142	-.142	-.144	-.151	-.150	.950
				Lower surface					
.011	.005	.201	.358	.407	.389				.011
.020						.364	.362		.020
.050		.158	.260	.362	.375	.337	.344	.359	.050
.100	.031	.130	.221	.301	.337	.323	.320	.317	.100
.150	.042	.123	.186	.250	.295	.314	.299	.300	.150
.200	.062	.111	.161	.218	.265		.272	.252	.200
.250	.069	.113	.145	.182	.225	.271	.263	.209	.250
.300	.070		.132	.163	.200	.247	.250	.197	.300
.350	.075	.102	.113	.138	.174	.224	.233	.154	.350
.400	.067	.085	.097	.120	.149	.201	.219	.133	.400
.450	.067	.083	.088	.104	.134	.173	.205	.112	.450
.500	.069	.071	.081	.088	.120	.156	.186	.092	.500
.650	.048	.049	.046	.058	.065	.105	.137	.054	.650
.800	.023	.023	.020	.012	.032	.054	.089	.016	.800
.950	.014	.000	.001	-.001	-.001	.021	.042	-.002	.950
			$\alpha = 5^\circ$		$\beta = -4^\circ$				
				Upper surface					
.012		-.058	-.084	-.067	-.047				.012
.025							-.012		.025
.050	-.049	-.070	-.102	-.081	-.064	-.037	-.022	-.044	.050
.100	-.037	-.081	-.096	-.096	-.076	-.050	-.038	-.056	.100
.150	-.052	-.090	-.096	-.089	-.083	-.058	-.043	-.047	.150
.200	-.058	-.101	-.101	-.107	-.095	-.072	-.056	-.034	.200
.250	-.059	-.108	-.098	-.109	-.104	-.086	-.066	-.034	.250
.300	-.082	-.108	-.102		-.105	-.095	-.077	-.037	.300
.350	-.089	-.111	-.102	-.112	-.118	-.108	-.090	-.046	.350
.400	-.098	-.120	-.110	-.121	-.129	-.115	-.091	-.053	.400
.450	-.094	-.120	-.110	-.125	-.128	-.125	-.103	-.053	.450
.500	-.115	-.121	-.114	-.128	-.139	-.127	-.103	-.053	.500
.650	-.111	-.130	-.124	-.135	-.147	-.153	-.127	-.079	.650
.800	-.097	-.128	-.134	-.153	-.160	-.160	-.155	-.103	.800
.950	-.110	-.128	-.136	-.141	-.141	-.149	-.134	-.139	.950
				Lower surface					
.011	.136	.269	.471	.387	.387				.011
.020						.390	.365		.020
.050		.198	.368	.399	.363	.360	.354	.277	.050
.100	.107	.185	.297	.354	.352	.333	.342		.100
.150	.113	.178	.250	.306	.331	.317	.319	.257	.150
.200	.125	.157	.215	.266	.310		.290	.228	.200
.250	.130	.157	.195	.228	.270	.284	.267	.204	.250
.300	.132		.171	.203	.245	.270	.260		.300
.350	.132	.132	.151	.175	.221	.254	.242	.163	.350
.400	.116	.118	.130	.158	.183	.233	.228	.151	.400
.450	.111	.108	.119	.137	.171	.201	.217	.125	.450
.500	.094	.099	.105	.119	.151	.189	.201	.111	.500
.650	.072	.073	.071	.077	.102	.130	.163	.078	.650
.800	.044	.040	.038	.030	.052	.085	.113	.040	.800
.950	.028	.021	.016	.015	.020	.048	.063	.024	.950

[redacted]

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = -8^\circ$									
Upper surface									
.012		-.101	-.061	-.040	-.020				.012
.025							-.033		.025
.050	-.145	-.070	-.077	-.052	-.036	-.021	-.028	-.024	.050
.100	-.091	-.087	-.089	-.069	-.047	-.030	-.036	-.044	.100
.150	-.096	-.122	-.097	-.071	-.056	-.044	-.038	-.050	.150
.200	-.112	-.147	-.098	-.090	-.065	-.057	-.050	-.046	.200
.250	-.123	-.135	-.101	-.101	-.081	-.069	-.057	-.051	.250
.300	-.117	-.127	-.113		-.084	-.088	-.069	-.061	.300
.350	-.139	-.128	-.125	-.114	-.095		-.085	-.066	.350
.400	-.151	-.139	-.141	-.121	-.104	-.100	-.094	-.075	.400
.450	-.126	-.139	-.141	-.128	-.114	-.106	-.103	-.083	.450
.500	-.136	-.138	-.161	-.139	-.123	-.113	-.107	-.090	.500
.650	-.133	-.150	-.161	-.160	-.147	-.139	-.131	-.109	.650
.800	-.084	-.160	-.171	-.183	-.172	-.164	-.150	-.161	.800
.950	-.083	-.110	-.160	-.161	-.152	-.142	-.131	-.209	.950
Lower surface									
.011	.374	.368	.430	.384					.011
.025							.333		.025
.050		.336	.383	.380			.322	.372	.050
.100	.174	.298	.340	.351			.303		.100
.150	.169	.259	.311	.331			.285	.281	.150
.200	.183	.220	.280	.303			.263	.253	.200
.250	.175	.200	.255	.281			.261	.218	.250
.300	.168		.224	.262			.247		.300
.350	.160	.156	.186	.226			.237	.174	.350
.400	.140	.142	.163	.212			.223	.162	.400
.450	.130	.128	.148				.207	.151	.450
.500	.121	.113	.136				.192	.139	.500
.650	.092	.078	.091				.155	.101	.650
.800	.065	.047	.051				.106	.076	.800
.950	.044	.028	.016				.065	.058	.950
$\alpha = 5^\circ$ $\beta = -12^\circ$									
Upper surface									
.012		-.044	-.019	.001	.008				.012
.025							.006		.025
.050	-.089	-.065	-.036	-.009	-.005	.005	-.009	.030	.050
.100	-.087	-.079	-.050	-.032	-.026	-.006	-.025	.011	.100
.150	-.098	-.095	-.060	-.030	-.032	-.025	-.032	.001	.150
.200	-.102	-.105	-.072	-.050	-.036	-.032	-.041	.001	.200
.250	-.101	-.109	-.082	-.062	-.047	-.046	-.053	-.008	.250
.300	-.096	-.120	-.094		-.049	-.058	-.060	-.013	.300
.350	-.097	-.122	-.105	-.077	-.060		-.071	-.028	.350
.400	-.108	-.128	-.116	-.082	-.075	-.072	-.076	-.033	.400
.450	-.111	-.124	-.126	-.091	-.082	-.079	-.083	-.040	.450
.500	-.105	-.128	-.122	-.102	-.088	-.087	-.084	-.039	.500
.650	-.119	-.146	-.146	-.136	-.122	-.113	-.101	-.077	.650
.800	-.113	-.155	-.165	-.158	-.140	-.139	-.121	-.174	.800
.950	-.070	-.141	-.145	-.147	-.129	-.113	-.101	-.199	.950
Lower surface									
.011	.406	.430	.434	.390	.406				.011
.020						.381	.336		.020
.050			.396	.390	.368	.350	.325	.367	.050
.100	.288	.355	.384	.367	.343	.327	.305	.341	.100
.150	.277	.314	.360	.346	.328	.309	.283	.284	.150
.200	.270	.282	.334	.334	.319		.260	.253	.200
.250	.245	.258	.291	.324	.302	.283	.267	.220	.250
.300	.226		.263	.299	.283	.269	.246		.300
.350	.209	.212	.238	.270	.269	.251	.240	.183	.350
.400	.184	.186	.210	.248	.257	.236	.227	.166	.400
.450	.172	.170	.190	.225	.243	.228	.213	.155	.450
.500	.163	.151	.172	.204	.229	.220	.197	.143	.500
.650	.119	.113	.118	.149	.163	.182	.160	.112	.650
.800	.099	.077	.070	.090	.115	.141	.115	.085	.800
.950	.075	.052	.045	.052	.082	.109	.075	.068	.950

[redacted]

TABLE XXII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, BODY-MOUNTED VERTICAL TAIL CONFIGURATION - Concluded

(b) $\delta_c = 15^o$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^o$ $\beta = -15^o$								
Upper surface									
.012		.004	.013	.026	.040				.012
.025							.037		.025
.050	-.046	-.018	.001	.014	.027	.032	.025	.063	.050
.100	-.054	-.041	-.019	-.006	-.001	.019	.005	.044	.100
.150	-.058	-.057	-.033	-.011	-.006	.005	-.001	.034	.150
.200	-.072	-.076	-.047	-.032	-.018	-.009	-.013	.037	.200
.250	-.064	-.077	-.054	-.037	-.031	-.017	-.025	.025	.250
.300	-.058	-.096	-.065	-.039	-.034	-.031	-.034	.019	.300
.350	-.057	-.091	-.075	-.056	-.049		-.047	-.002	.350
.400	-.064	-.101	-.088	-.062	-.059	-.054	-.058	-.008	.400
.450	-.075	-.101	-.101	-.076	-.069	-.063	-.070	-.011	.450
.500	-.067	-.101	-.107	-.084	-.073	-.072	-.076	-.013	.500
.650	-.085	-.124	-.134	-.116	-.103	-.092	-.102	-.058	.650
.800	-.081	-.131	-.142	-.137	-.127	-.124	-.117	-.184	.800
.950	-.051	-.122	-.130	-.127	-.115	-.094	-.096	-.204	.950
Lower surface									
.011	.439	.460	.433		.428				.011
.020						.400	.363		.020
.050		.456	.392	.391	.387	.371	.350	.399	.050
.100	.311	.384	.397	.363	.360	.349	.329		.100
.150	.300	.337	.377	.344	.331	.329	.302	.299	.150
.200	.288	.296	.339	.334	.317		.275	.267	.200
.250	.269	.279	.310	.327	.299	.289	.271	.245	.250
.300	.248		.274	.304	.285	.275	.247	.239	.300
.350	.229	.225	.248	.282	.271	.264	.233	.209	.350
.400	.208	.204	.224	.258	.258	.247	.225	.192	.400
.450	.195	.184	.203	.238	.245	.234	.217	.180	.450
.500	.185	.168	.185	.216	.231	.222	.203	.167	.500
.650	.149	.131	.129	.163	.169	.177	.157	.131	.650
.800	.128	.090	.087	.111	.131	.134	.104	.104	.800
.950	.107	.064	.057	.072	.091	.106	.072	.083	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED VERTICAL TAIL CONFIGURATION

(a) $\delta_c = 0^0$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^0$		$\beta = 0^0$				
				Upper surface					
.012		-.060	-.060	-.046	-.046				.012
.025							-.004		.025
.050	-.081	-.067	-.072	-.060	-.053	-.034	-.015	-.014	.050
.100	-.069	-.081	-.083	-.072	-.066	-.053	-.030	-.027	.100
.150	-.066	-.091	-.090	-.070	-.076	-.065	-.039	-.036	.150
.200	-.075	-.095	-.096	-.086	-.077	-.069	-.050	-.032	.200
.250	-.071	-.090	-.102	-.094	-.073	-.084	-.062	-.032	.250
.300	-.069	-.095	-.107	-.085	-.065	-.097	-.073	-.036	.300
.350	-.075	-.092	-.109	-.102			-.085	-.044	.350
.400	-.079	-.097	-.111	-.102	-.072	-.114	-.096	-.050	.400
.450	-.085	-.101	-.117	-.110	-.065	-.121	-.099	-.052	.450
.500	-.084	-.099	-.112	-.116	-.066	-.125	-.112	-.057	.500
.650	-.101	-.114	-.120	-.148	-.103	-.134	-.136	-.075	.650
.800	-.111	-.125	-.136	-.167	-.134	-.120	-.134	-.099	.800
.950	-.128	-.137	-.153	-.157	-.143	-.120	-.124	-.124	.950
				Lower surface					
.011	.202	.338	.355	.324	.333				.011
.020						.335	.360		.020
.050		.285	.326	.329	.305	.305	.342	.347	.050
.100	.141	.231	.283	.298	.293	.284	.320	.328	.100
.150	.144	.200	.254	.272	.277	.268	.292	.295	.150
.200	.147	.170	.217	.245	.262		.257	.247	.200
.250	.135	.156	.189	.212	.232	.242	.243	.213	.250
.300	.128		.165	.191	.212	.220	.227	.201	.300
.350	.118	.125	.142	.161	.189	.212	.214	.153	.350
.400	.105	.109	.128	.142	.168	.193	.196	.135	.400
.450	.094	.098	.113	.128	.151	.183	.183	.115	.450
.500	.091	.088	.098	.108	.129	.169	.170	.090	.500
.650	.062	.066	.065	.066	.080	.121	.135	.051	.650
.800	.054	.033	.031	.027	.034	.070	.097	.010	.800
.950	.029	.021	.007	.002	.014	.036	.059	-.010	.950
			$\alpha = 5^0$		$\beta = 2^0$				
				Upper surface					
.012		-.049	-.062	-.058	-.060				.012
.025							-.024		.025
.050	-.049	-.058	-.068	-.069	-.069	-.060	-.036	-.024	.050
.100	-.043	-.068	-.079	-.082	-.077	-.072	-.052	-.038	.100
.150	-.049	-.075	-.079	-.078	-.082	-.082	-.062	-.045	.150
.200	-.053	-.072	-.087	-.091	-.090	-.090	-.072	-.043	.200
.250	-.052	-.072	-.091	-.094	-.085	-.100	-.085	-.045	.250
.300	-.053	-.077	-.095	-.087	-.081	-.109	-.094	-.052	.300
.350	-.058	-.077	-.098	-.094	-.087		-.107	-.059	.350
.400	-.063	-.084	-.098	-.093	-.091	-.117	-.116	-.064	.400
.450	-.070	-.088	-.103	-.094	-.096	-.123	-.122	-.069	.450
.500	-.070	-.087	-.103	-.096	-.106	-.128	-.130	-.074	.500
.650	-.088	-.104	-.107	-.113	-.135	-.142	-.147	-.091	.650
.800	-.103	-.120	-.115	-.134	-.160	-.140	-.142	-.113	.800
.950	-.122	-.128	-.132	-.155	-.167	-.126	-.134	-.133	.950
				Lower surface					
.011	.148	.328	.360	.337	.341				.011
.020						.325	.356		.020
.050		.275	.319	.331	.323	.302	.335	.353	.050
.100	.121	.212	.273	.302	.311	.285	.309	.328	.100
.150	.135	.186	.231	.263	.284	.275	.282	.294	.150
.200	.134	.158	.200	.235	.261		.257	.246	.200
.250	.126	.148	.175	.205	.222	.246	.241	.206	.250
.300	.121		.156	.184	.204	.232	.227	.190	.300
.350	.109	.118	.135	.158	.184	.215	.215	.150	.350
.400	.098	.105	.119	.141	.164	.192	.204	.120	.400
.450	.089	.096	.104	.122	.146	.182	.192	.101	.450
.500	.089	.084	.086	.108	.125	.167	.177	.084	.500
.650	.065	.065	.051	.069	.072	.115	.139	.043	.650
.800	.056	.035	.033	.031	.036	.066	.096	.008	.800
.950	.030	.023	.010	.008	.014	.031	.055	-.013	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^0$		$\beta = 4^0$				
				Upper surface					
.012		-.034	-.057	-.054	-.054				.012
.025							-.034		.025
.050	-.028	-.050	-.058	-.064	-.062	-.060	-.047	-.027	.050
.100	-.031	-.060	-.069	-.077	-.070	-.072	-.059	-.040	.100
.150	-.034	-.057	-.071	-.070	-.077	-.077	-.071	-.051	.150
.200	-.041	-.063	-.078	-.083	-.081	-.084	-.081	-.050	.200
.250	-.041	-.059	-.081	-.089	-.083	-.091	-.090	-.051	.250
.300	-.040	-.066	-.083	-.077	-.077	-.097	-.098	-.058	.300
.350	-.045	-.065	-.086	-.079	-.091		-.109	-.062	.350
.400	-.051	-.075	-.089	-.073	-.098	-.109	-.114	-.069	.400
.450	-.057	-.076	-.096	-.078	-.101	-.116	-.118	-.076	.450
.500	-.057	-.077	-.089	-.071	-.113	-.126	-.124	-.083	.500
.650	-.081	-.097	-.091	-.077	-.144	-.140	-.141	-.097	.650
.800	-.097	-.111	-.098	-.101	-.168	-.146	-.144	-.118	.800
.950	-.120	-.120	-.111	-.129	-.160	-.130	-.129	-.128	.950
				Lower surface					
.011	.098	.326	.347	.345	.356				.011
.020						.321	.341		.020
.050		.255	.303	.325	.331	.312	.314	.340	.050
.100	.091	.197	.254	.287	.305	.297	.293		.100
.150	.118	.165	.216	.244	.270	.278	.277	.285	.150
.200	.119	.142	.184	.213	.249		.256		.200
.250	.111	.136		.183	.214	.235	.240	.203	.250
.300	.112		.142	.165	.196	.216	.233		.300
.350	.101	.112	.128	.142	.169	.196	.218	.144	.350
.400	.093	.094	.112	.123	.151	.176	.204	.126	.400
.450	.086	.085	.100	.105	.130	.168	.186	.100	.450
.500	.088	.076	.085	.097	.115	.151	.169	.081	.500
.650	.072	.061	.054	.056	.070	.104	.122	.042	.650
.800	.061	.040	.030	.016	.027	.055	.083	.003	.800
.950	.036	.024	.014	.006	.008	.019	.043	-.021	.950
			$\alpha = 5^0$		$\beta = 8^0$				
				Upper surface					
.012		-.046	-.034	-.047	-.058				.012
.025							-.055		.025
.050	.018	-.061	-.044	-.053	-.064	-.065	-.064	-.052	.050
.100	-.009	-.046	-.062	-.065	-.075	-.074	-.075	-.066	.100
.150	-.023	-.039	-.065	-.061	-.080	-.082	-.083	-.075	.150
.200	-.032	-.046	-.063	-.076	-.083	-.089	-.089	-.080	.200
.250	-.037	-.046	-.061	-.082	-.089	-.096	-.096	-.078	.250
.300	-.034	-.062	-.063	-.063	-.095	-.107	-.102	-.088	.300
.350	-.038	-.056	-.074	-.058	-.116		-.113	-.088	.350
.400	-.045	-.066	-.075	-.055	-.129	-.118	-.119	-.096	.400
.450	-.052	-.068	-.082	-.068	-.132	-.123	-.123	-.102	.450
.500	-.056	-.069	-.077	-.030	-.144	-.131	-.131	-.108	.500
.650	-.082	-.093	-.070	-.005	-.170	-.148	-.147	-.120	.650
.800	-.101	-.112	-.059	-.028	-.198	-.166	-.157	-.133	.800
.950	-.122	-.100	-.075	-.071	-.170	-.157	-.138	-.126	.950
				Lower surface					
.011	-.065	.357	.342	.331	.382				.011
.020						.394	.370		.020
.050		.228	.276	.302	.328	.350	.346	.335	.050
.100	.032	.186	.221	.252	.286	.314	.325	.338	.100
.150	.055	.156	.187	.213	.251	.279	.299	.297	.150
.200	.063	.134	.152	.183	.217		.267	.266	.200
.250	.060	.128	.144	.160	.190	.223	.241	.229	.250
.300	.067		.126	.142	.166	.202	.234		.300
.350	.061	.100	.109	.118	.148	.182	.206	.165	.350
.400	.058	.090	.093	.107	.132	.166	.189	.147	.400
.450	.065	.083	.081	.093	.116	.149	.171	.117	.450
.500	.075	.076	.074	.081	.102	.133	.153	.096	.500
.650	.065	.069	.048	.050	.057	.077	.100	.040	.650
.800	.051	.043	.036	.016	.029	.041	.058	-.004	.800
.950	.020	.020	.019	.015	.011	.014	.026	-.034	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha =$ 5°		$\beta =$ 12°				
				Upper surface					
.012		-.108	-.037	-.039	-.056				.012
.025							-.061		.025
.050	.101	-.082	-.050	-.047	-.062	-.071	-.070	-.065	.050
.100	.042	-.034	-.061	-.063	-.070	-.080	-.081	-.077	.100
.150	.001	-.032	-.051	-.062	-.071	-.085	-.085	-.087	.150
.200	-.027	-.043	-.051	-.077	-.077	-.093	-.094	-.091	.200
.250	-.037	-.049	-.052	-.076	-.088	-.098	-.100	-.091	.250
.300	-.045	-.061	-.053	-.053	-.101	-.106	-.106	-.098	.300
.350	-.052	-.056	-.061	-.050	-.129		-.115	-.102	.350
.400	-.061	-.068	-.059	-.040	-.146	-.114	-.125	-.108	.400
.450	-.059	-.077	-.075	-.042	-.146	-.122	-.127	-.113	.450
.500	-.069	-.077	-.082	.020	-.159	-.129	-.131	-.117	.500
.650	-.087	-.091	-.070	.034	-.182	-.154	-.146	-.129	.650
.800	-.110	-.112	-.039	-.021	-.209	-.172	-.160	-.139	.800
.950	-.127	-.082	-.063	-.077	-.189	-.167	-.141	-.131	.950
				Lower surface					
.011	-.089	.389	.384	.334	.370				.011
.020						.410	.424		.020
.050		.244	.274	.282	.305	.340	.375	.390	.050
.100	-.056	.185	.214	.227	.255	.292	.328	.349	.100
.150	.021	.165	.175	.184	.221	.264	.296	.308	.150
.200	.047	.149	.151	.156	.191		.256	.274	.200
.250	.029	.158	.140	.134	.161	.196	.223	.242	.250
.300	.029		.130	.119	.144	.175	.214		.300
.350	.019	.133	.120	.106	.127	.158	.187	.184	.350
.400	.016	.108	.100	.097	.106	.133	.172	.156	.400
.450	.023	.108	.088	.088	.100	.129	.156	.130	.450
.500	.044	.098	.080	.074	.084	.116	.133	.106	.500
.650	.040	.088	.062	.044	.051	.074	.086	.041	.650
.800	.036	.050	.045	.019	.024	.038	.050	-.008	.800
.950	.002	.019	.017	.019	.014	.007	.023	-.038	.950
			$\alpha =$ 5°		$\beta =$ 15°				
				Upper surface					
.012		-.164	-.088	-.034	-.027				.012
.025							-.072		.025
.050	.100	-.099	-.112	-.049	-.039	-.069	-.078	-.077	.050
.100	.057	-.068	-.105	-.065	-.050	-.070	-.087	-.084	.100
.150	.010	-.068	-.086	-.067	-.058	-.074	-.093	-.091	.150
.200	-.031	-.065	-.078	-.080	-.070	-.081	-.099	-.094	.200
.250	-.052	-.071	-.058	-.072	-.084	-.087	-.106	-.101	.250
.300	-.072	-.076	-.065	-.046	-.101	-.093	-.108	-.108	.300
.350	-.086	-.074	-.071	-.046	-.129	-.099	-.115	-.113	.350
.400		-.088	-.072	-.025	-.144	-.109	-.120	-.118	.400
.450	-.093	-.097	-.081	-.004	-.150	-.119	-.127	-.127	.450
.500	-.116	-.109	-.074	.037	-.156	-.127	-.132	-.129	.500
.650	-.127	-.133	-.080	.032	-.184	-.156	-.150	-.139	.650
.800	-.138	-.151	-.052	-.021	-.203	-.176	-.165	-.141	.800
.950	-.129	-.121	-.072	-.094	-.196	-.169	-.150	-.135	.950
				Lower surface					
.011	-.078	.235	.428	.360	.364				.011
.020						.388	.418		.020
.050		.186	.291	.289	.285	.323	.368	.401	.050
.100	-.091	.170	.231	.230	.239	.274	.309	.355	.100
.150	-.072	.168	.192	.182	.198	.239	.277	.316	.150
.200	-.044	.156	.167	.157	.175		.235	.285	.200
.250	-.026	.160	.151	.142	.144	.170	.213	.254	.250
.300	-.016		.140	.125	.130	.155	.193	.235	.300
.350	-.012	.154	.124	.100	.114	.136	.175	.195	.350
.400	-.010	.130	.106	.098	.101	.121	.156	.168	.400
.450	.000	.124	.100	.085	.089	.118	.140	.144	.450
.500	.015	.117	.093	.073	.077	.103	.120	.111	.500
.650	.007	.091	.075	.055	.042	.061	.079	.056	.650
.800	-.005	.041	.049	.026	.030	.031	.040	.000	.800
.950	-.030	.006	.020	.012	.014	.008	.016	-.028	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^o$ $\beta = 0^o$									
Upper surface									
.012		-.060	-.060	-.046	-.046				.012
.025							-.004		.025
.050	-.081	-.067	-.072	-.060	-.053	-.034	-.015	-.014	.050
.100	-.069	-.081	-.083	-.072	-.066	-.053	-.030	-.027	.100
.150	-.066	-.091	-.090	-.070	-.076	-.065	-.039	-.036	.150
.200	-.075	-.095	-.096	-.086	-.077	-.069	-.050	-.032	.200
.250	-.071	-.090	-.102	-.094	-.073	-.084	-.062	-.032	.250
.300	-.069	-.095	-.107	-.085	-.065	-.097	-.073	-.036	.300
.350	-.075	-.092	-.109	-.102			-.085	-.044	.350
.400	-.079	-.097	-.111	-.102	-.072	-.114	-.096	-.050	.400
.450	-.085	-.101	-.117	-.110	-.065	-.121	-.099	-.052	.450
.500	-.084	-.099	-.112	-.116	-.066	-.125	-.112	-.057	.500
.650	-.101	-.114	-.120	-.148	-.103	-.134	-.136	-.075	.650
.800	-.111	-.125	-.136	-.167	-.134	-.120	-.134	-.099	.800
.950	-.128	-.137	-.153	-.157	-.143	-.120	-.124	-.124	.950
Lower surface									
.011	.202	.338	.355	.324	.333				.011
.020						.335	.360		.020
.050		.285	.326	.329	.305	.305	.342	.347	.050
.100	.141	.231	.283	.298	.293	.284	.320	.328	.100
.150	.144	.200	.254	.272	.277	.268	.292	.295	.150
.200	.147	.170	.217	.245	.262		.257	.247	.200
.250	.135	.156	.189	.212	.232	.242	.243	.213	.250
.300	.128		.165	.191	.212	.220	.227	.201	.300
.350	.118	.125	.142	.161	.189	.212	.214	.153	.350
.400	.105	.109	.128	.142	.168	.193	.196	.135	.400
.450	.094	.098	.113	.128	.151	.183	.183	.115	.450
.500	.091	.088	.098	.108	.129	.169	.170	.090	.500
.650	.062	.066	.065	.066	.080	.121	.135	.051	.650
.800	.054	.033	.031	.027	.034	.070	.097	.010	.800
.950	.029	.021	.007	.002	.014	.036	.059	-.010	.950
$\alpha = 5^o$ $\beta = -2^o$									
Upper surface									
.012		-.065	-.062	-.047	-.039				.012
.025							.002		.025
.050	-.099	-.075	-.073	-.060	-.049	-.026	-.011	-.023	.050
.100	-.085	-.089	-.084	-.071	-.062	-.044	-.025	-.036	.100
.150	-.084	-.098	-.090	-.071	-.072	-.057	-.033	-.041	.150
.200	-.086	-.107	-.099	-.090	-.081	-.064	-.045	-.032	.200
.250	-.085	-.103	-.104	-.095	-.072	-.078	-.056	-.034	.250
.300	-.082	-.105	-.113	-.086	-.063	-.096	-.065	-.037	.300
.350	-.086	-.103	-.118	-.109			-.082	-.044	.350
.400	-.091	-.104	-.122	-.115	-.063	-.113	-.089	-.051	.400
.450	-.096	-.108	-.127	-.123	-.047	-.118	-.094	-.049	.450
.500	-.096	-.110	-.123	-.135	-.056	-.124	-.104	-.052	.500
.650	-.103	-.120	-.135	-.172	-.089	-.131	-.129	-.076	.650
.800	-.114	-.129	-.159	-.192	-.123	-.115	-.136	-.098	.800
.950	-.127	-.144	-.171	-.181	-.136	-.120	-.124	-.131	.950
Lower surface									
.011	.242	.348	.355	.306	.328				.011
.020						.358	.362		.020
.050		.303	.323	.311	.303	.314	.352	.322	.050
.100	.157	.247	.299	.293	.285	.287	.334	.315	.100
.150	.157	.216	.255	.272	.267	.264	.315	.273	.150
.200	.160	.185	.222	.246	.259		.275	.236	.200
.250	.150	.167	.197	.225	.234	.226	.257	.202	.250
.300	.140		.175	.196	.222	.219	.243	.198	.300
.350	.126	.134	.150	.168	.201	.204	.224	.161	.350
.400	.110	.114	.133	.147	.173	.191	.205	.142	.400
.450	.098	.105	.119	.128	.156	.191	.191	.120	.450
.500	.091	.092	.107	.111	.138	.178	.175	.104	.500
.650	.058	.069	.068	.068	.085	.128	.131	.063	.650
.800	.043	.030	.034	.033	.047	.085	.100	.023	.800
.950	.023	.012	.000	.001	.017	.047	.061	-.002	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
				$\alpha = 5^0$		$\beta = -4^0$			
				Upper surface					
.012		-.066	-.051	-.032	-.030				.012
.025							.004		.025
.050	-.110	-.078	-.064	-.052	-.032	-.008	-.008	-.026	.050
.100	-.102	-.092	-.078	-.059	-.046	-.024	-.022	-.030	.100
.150	-.104	-.107	-.089	-.060	-.062	-.036	-.027	-.043	.150
.200	-.103	-.118	-.101	-.077	-.069	-.044	-.039	-.040	.200
.250	-.101	-.117	-.107	-.086	-.058	-.062	-.051	-.041	.250
.300	-.099	-.118	-.114	-.078	-.047	-.086	-.058	-.047	.300
.350	-.099	-.116	-.123	-.101			-.072	-.052	.350
.400	-.107	-.121	-.129	-.120	-.034	-.103	-.082	-.058	.400
.450	-.103	-.122	-.135	-.134	-.007	-.112	-.084	-.060	.450
.500	-.104	-.123	-.136	-.147	-.027	-.120	-.096	-.064	.500
.650	-.110	-.135	-.153	-.186	-.060	-.124	-.121	-.080	.650
.800	-.118	-.143	-.181	-.215	-.098	-.105	-.134	-.103	.800
.950	-.133	-.161	-.187	-.200	-.122	-.115	-.114	-.151	.950
				Lower surface					
.011	.277	.356	.353	.316	.339				.011
.020						.376	.360		.020
.050		.324	.327	.317	.313	.339	.346	.299	.050
.100	.180	.262	.309	.299	.290	.304	.327	.306	.100
.150	.176	.232	.275	.281	.274	.282	.311	.255	.150
.200	.177	.196	.239	.260	.262		.287	.217	.200
.250	.162	.181	.211	.239	.241	.239	.260	.183	.250
.300	.148		.190	.217	.232	.225	.250	.183	.300
.350	.133	.141	.157	.190	.215	.206	.232	.150	.350
.400	.118	.121	.140	.168	.190	.191	.213	.139	.400
.450	.104	.107	.122	.148	.165	.190	.195	.125	.450
.500	.099	.094	.112	.125	.154	.181	.176	.111	.500
.650	.064	.061	.069	.073	.100	.133	.127	.075	.650
.800	.043	.031	.031	.034	.059	.089	.101	.041	.800
.950	.022	.008	.006	.010	.027	.052	.061	.017	.950
				$\alpha = 5^0$		$\beta = -8^0$			
				Upper surface					
.012		-.038	-.018	.000	.002				.012
.025							-.001		.025
.050	-.097	-.053	-.037	-.021	-.004	.017	-.011	-.004	.050
.100	-.090	-.068	-.052	-.032	-.021	.000	-.020	-.020	.100
.150	-.105	-.093	-.064	-.036	-.038	-.006	-.025	-.030	.150
.200	-.100	-.108	-.077	-.051	-.044	-.012	-.032	-.027	.200
.250	-.101	-.119	-.086	-.058	-.019	-.029	-.042	-.026	.250
.300	-.108	-.121	-.097	-.055	-.020	-.051	-.051	-.037	.300
.350	-.107	-.131	-.109	-.081			-.061	-.040	.350
.400	-.110	-.133	-.119	-.107	-.007	-.075	-.072	-.050	.400
.450	-.101	-.133	-.125	-.131	.076	-.088	-.072	-.058	.450
.500	-.108	-.133	-.135	-.145	.042	-.095	-.084	-.065	.500
.650	-.107	-.143	-.169	-.190	-.005	-.096	-.106	-.082	.650
.800	-.112	-.167	-.196	-.226	-.045	-.082	-.107	-.145	.800
.950	-.126	-.189	-.200	-.207	-.074	-.091	-.089	-.203	.950
				Lower surface					
.011	.341	.381	.356	.322	.342				.011
.020						.368	.332		.020
.050		.368	.334	.327	.316	.344	.325	.312	.050
.100	.230	.304	.334	.302	.292	.332	.304	.295	.100
.150	.214	.264	.305	.288	.274	.311	.292	.236	.150
.200	.208	.225	.269	.279	.267		.272	.205	.200
.250	.187	.204	.243	.260	.246	.255	.258	.177	.250
.300	.168		.214	.246	.244	.235	.248	.176	.300
.350	.151	.158	.183	.209	.235	.212	.234	.147	.350
.400	.130	.135	.159	.197	.221	.200	.219	.132	.400
.450	.113	.118	.140	.174	.195	.189	.209	.119	.450
.500	.107	.106	.124	.152	.176	.176	.189	.107	.500
.650	.068	.070	.076	.099	.116	.142	.140	.077	.650
.800	.048	.027	.034	.046	.069	.105	.091	.055	.800
.950	.025	.011	.008	.022	.036	.069	.050	.036	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(a) $\delta_c = 0^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^\circ$			$\beta = -12^\circ$					
Upper surface									
.012		-.004	.014	.031	.050				.012
.025							.025		.025
.050	-.066	-.021	-.006	.013	.041	.047	.012	.036	.050
.100	-.060	-.040	-.026	.000	.017	.032	-.001	.017	.100
.150	-.073	-.062	-.037	-.008	-.002	.022	-.009	.008	.150
.200	-.073	-.080	-.050	-.024	-.012	.014	-.020	.008	.200
.250	-.073	-.092	-.059	-.033	.009	.002	-.030	.000	.250
.300	-.083	-.101	-.071	-.031	.017	-.027	-.036	-.008	.300
.350	-.083	-.109	-.085	-.062			-.046	-.018	.350
.400	-.090	-.115	-.097	-.090	.084	-.046	-.057	-.027	.400
.450	-.083	-.114	-.105	-.117	.133	-.054	-.060	-.036	.450
.500	-.090	-.116	-.107	-.136	.112	-.062	-.071	-.043	.500
.650	-.096	-.129	-.151	-.178	.052	-.064	-.088	-.067	.650
.800	-.108	-.164	-.187	-.213	.012	-.071	-.073	-.167	.800
.950	-.127	-.196	-.188	-.198	-.030	-.078	-.065	-.195	.950
Lower surface									
.011	.374	.406	.369	.328	.392				.011
.020						.384	.343		.020
.050		.411	.352	.337	.351	.363	.333	.358	.050
.100	.269	.348	.348	.312	.317	.347	.316	.312	.100
.150	.258	.307	.338	.294	.285		.305	.273	.150
.200	.249	.267	.310	.285	.275		.282	.237	.200
.250	.228	.245	.279	.277	.242	.278	.267	.211	.250
.300	.208		.250	.267	.239	.258	.260	.205	.300
.350	.189	.198	.222	.235	.228	.244	.245	.168	.350
.400	.169	.172	.196	.221	.222	.223	.233	.159	.400
.450	.154	.154	.176	.195	.209	.214	.225	.146	.450
.500	.147	.138	.153	.177	.195	.193	.207	.132	.500
.650	.106	.110	.103	.118	.139	.148	.162	.104	.650
.800	.092	.055	.061	.069	.095	.118	.109	.081	.800
.950	.070	.036	.028	.028	.054	.090	.060	.055	.950
	$\alpha = 5^\circ$			$\beta = -15^\circ$					
Upper surface									
.012		.034	.046	.051	.081				.012
.025							.051		.025
.050	-.032	.015	.024	.032	.064	.065	.038	-.011	.050
.100	-.027	-.009	.005	.015	.037	.053	.020	-.024	.100
.150	-.036	-.030	-.011	.008	.023	.044	.014	-.021	.150
.200	-.044	-.053	-.025	-.008	.008	.031	.006	-.008	.200
.250	-.047	-.068	-.033	-.018	.039	.021	-.005	-.004	.250
.300	-.051	-.079	-.049	-.021	.046	.005	-.013	-.004	.300
.350	-.053	-.082	-.062	-.049			-.025	-.008	.350
.400	-.062	-.090	-.072	-.084	.103	-.018	-.037	-.013	.400
.450	-.062	-.091	-.086	-.113	.184	-.026	-.044	-.014	.450
.500	-.062	-.096	-.095	-.134	.173	-.032	-.051	-.019	.500
.650	-.075	-.116	-.150	-.179	.094	-.027	-.070	-.059	.650
.800	-.083	-.155	-.187	-.217	.059	-.051	-.046	-.192	.800
.950	-.122	-.186	-.188	-.203	.008	-.063	-.045	-.181	.950
Lower surface									
.011	.404	.432	.400	.347	.424				.011
.020						.411	.362		.020
.050		.436	.374	.359	.381	.390	.353	.276	.050
.100	.298	.367	.366	.335	.344	.376	.333		.100
.150	.279	.329	.358	.314	.313	.358	.318	.215	.150
.200	.268	.285	.325	.303	.299		.294	.214	.200
.250	.242	.259	.300	.297	.271	.314	.277	.201	.250
.300	.227		.272	.287	.266	.292	.276	.213	.300
.350	.210	.206	.238	.255	.252	.277	.264	.194	.350
.400	.186	.187	.210	.242	.241	.250	.251	.185	.400
.450	.172	.166	.183	.216	.231	.234	.241	.173	.450
.500	.168	.152	.166	.199	.216	.224	.227	.157	.500
.650	.131	.118	.119	.138	.168	.171	.181	.126	.650
.800	.112	.076	.077	.086	.117	.133	.123	.102	.800
.950	.097	.056	.044	.048	.076	.100	.091	.079	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^\circ$				$\beta = 0^\circ$				
	Upper surface								
.012		-.018	-.062	-.059	-.061				.012
.025							-.017		.025
.050	-.021	-.030	-.075	-.077	-.070	-.064	-.031	-.017	.050
.100	-.023	-.042	-.071	-.089	-.087	-.072	-.053	-.036	.100
.150	-.032	-.053	-.074	-.077	-.091	-.082	-.057	-.042	.150
.200	-.037	-.064	-.077	-.095	-.094	-.088	-.071	-.039	.200
.250	-.034	-.070	-.084	-.096	-.088	-.096	-.084	-.045	.250
.300	-.042	-.072	-.088	-.075	-.077	-.115	-.091	-.044	.300
.350	-.047	-.080	-.088	-.091	-.088		-.106	-.058	.350
.400	-.061	-.083	-.090	-.091	-.096	-.129	-.114	-.070	.400
.450	-.056	-.091	-.091	-.087	-.106	-.137	-.125	-.064	.450
.500	-.070	-.093	-.101	-.091	-.093	-.140	-.128	-.068	.500
.650	-.085	-.103	-.099	-.093	-.137	-.153	-.154	-.091	.650
.800	-.102	-.122	-.109	-.134	-.159	-.151	-.151	-.113	.800
.950	-.116	-.132	-.120	-.146	-.201	-.135	-.138	-.133	.950
	Lower surface								
.011	.142	.262	.390	.355	.346				.011
.020						.354	.364		.020
.050		.228	.315	.353	.337	.321	.342	.362	.050
.100	.100	.183	.273	.311	.323	.306	.319	.322	.100
.150	.099	.165	.234	.272	.297	.283	.295	.298	.150
.200	.103	.145	.196	.243	.274		.267	.253	.200
.250	.105	.138	.175	.216	.242	.259	.258	.210	.250
.300	.103		.158	.189	.215	.242	.237	.202	.300
.350	.103	.119	.139	.165	.191	.228	.223	.162	.350
.400	.090	.098	.117	.140	.168	.208	.209	.139	.400
.450	.084	.100	.106	.126	.148	.181	.197	.114	.450
.500	.084	.085	.097	.105	.131	.162	.179	.097	.500
.650	.054	.058	.061	.061	.079	.113	.148	.053	.650
.800	.041	.033	.028	.032	.049	.065	.097	.018	.800
.950	.021	.014	.001	.012	.021	.032	.055	-.004	.950
	$\alpha = 5^\circ$				$\beta = 2^\circ$				
	Upper surface								
.012		-.002	-.063	-.062	-.057				.012
.025							-.032		.025
.050	-.002	-.019	-.063	-.075	-.068	-.065	-.046	-.031	.050
.100	-.009	-.028	-.057	-.077	-.076	-.070	-.066	-.045	.100
.150	-.026	-.036	-.059		-.084	-.075	-.072	-.055	.150
.200	-.026	-.045	-.069	-.082	-.087	-.084	-.083	-.049	.200
.250	-.026	-.050	-.075	-.078	-.082	-.091	-.095	-.058	.250
.300	-.026	-.059	-.079	-.062	-.077	-.115	-.103	-.057	.300
.350	-.031	-.063	-.082	-.068	-.090		-.114	-.068	.350
.400	-.043	-.076	-.089	-.066	-.096	-.129	-.121	-.076	.400
.450	-.044	-.076	-.089	-.068	-.110	-.132	-.129	-.075	.450
.500	-.056	-.077	-.091	-.065	-.106	-.133	-.135	-.081	.500
.650	-.077	-.097	-.089	-.051	-.139	-.151	-.154	-.104	.650
.800	-.100	-.115	-.087	-.091	-.165	-.157	-.152	-.123	.800
.950	-.117	-.126	-.095	-.122	-.191	-.135	-.141	-.138	.950
	Lower surface								
.011	.120	.234	.355	.379	.376				.011
.020						.339	.356		.020
.050		.201	.279	.348	.359	.320	.334	.355	.050
.100	.079	.163	.250	.303	.324	.310	.306	.325	.100
.150	.082	.145	.215	.260	.295	.299	.281	.293	.150
.200	.097	.121	.185	.227	.259		.259	.247	.200
.250	.091	.121	.163	.205	.236	.252	.252	.206	.250
.300	.091		.147	.181	.205	.238	.236	.192	.300
.350	.089	.099	.125	.152	.180	.212	.222	.148	.350
.400	.082	.089	.114	.133	.159	.196	.210	.124	.400
.450	.075	.091	.100	.119	.145	.168	.196	.106	.450
.500	.077	.079	.093	.101	.124	.156	.174	.085	.500
.650	.061	.057	.055	.070	.077	.096	.133	.049	.650
.800	.051	.033	.029	.027	.037	.055	.089	.008	.800
.950	.033	.021	.006	.009	.013	.021	.048	-.014	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 5^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^0$				$\beta = 4^0$				
	Upper surface								
.012		.006	-.026	-.052	-.059				.012
.025							-.047		.025
.050	.019	-.015	-.037	-.066	-.069	-.066	-.059	-.034	.050
.100	.005	-.017	-.040	-.059	-.069	-.077	-.075	-.055	.100
.150	-.009	-.021	-.056	-.049	-.080	-.076	-.081	-.064	.150
.200	-.017	-.032	-.052	-.066	-.077	-.087	-.090	-.062	.200
.250	-.021	-.032	-.057	-.064	-.082	-.093	-.097	-.070	.250
.300	-.025	-.049	-.064	-.040	-.083	-.109	-.100	-.066	.300
.350	-.031	-.039	-.071	-.047	-.103		-.114	-.077	.350
.400	-.043	-.055	-.081	-.049	-.110	-.116	-.119	-.087	.400
.450	-.047	-.066	-.078	-.052	-.126	-.121	-.121	-.084	.450
.500	-.047	-.062	-.076	-.036	-.123	-.128	-.128	-.088	.500
.650	-.077	-.089	-.063	.012	-.167	-.147	-.146	-.114	.650
.800	-.095	-.108	-.055	-.045	-.191	-.169	-.151	-.131	.800
.950	-.119	-.109	-.057	-.083	-.190	-.147	-.132	-.125	.950
	Lower surface								
.011	.078	.256	.297	.364	.394				.011
.020						.362	.347		.020
.050		.202	.257	.324	.347	.334	.299	.340	.050
.100	.094	.153	.219	.275	.308	.322	.305	.325	.100
.150	.096	.135	.193	.240	.277	.296	.297	.282	.150
.200	.099	.114	.168	.210	.238		.278	.242	.200
.250	.092	.118	.154	.186	.210	.249	.253	.196	.250
.300	.087		.137	.161	.191	.228	.249		.300
.350	.082	.105	.121	.142	.170	.196	.231	.153	.350
.400	.072	.086	.108	.124	.147	.177	.225	.130	.400
.450	.068	.089	.098	.110	.130	.163	.192	.111	.450
.500	.072	.077	.091	.091	.112	.142	.176	.089	.500
.650	.065	.056	.059	.058	.065	.099	.130	.054	.650
.800	.059	.038	.030	.019	.037	.059	.077	.009	.800
.950	.040	.030	.007	.000	.002	.014	.044	-.016	.950
	$\alpha = 5^0$				$\beta = 8^0$				
	Upper surface								
.012		-.024	.007	-.020	-.056				.012
.025							-.063		.025
.050	.057	-.020	-.015	-.029	-.058	-.074	-.075	-.055	.050
.100	.032	-.005	-.037	-.039	-.058	-.075	-.083	-.069	.100
.150	-.001	-.007	-.036	-.037	-.059	-.077	-.087	-.083	.150
.200	-.018	-.011	-.033	-.053	-.063	-.083	-.094	-.086	.200
.250	-.032	-.017	-.027	-.051	-.075	-.089	-.102	-.087	.250
.300	-.033	-.042	-.034	-.024	-.095	-.107	-.103	-.093	.300
.350	-.033	-.040	-.042	-.020	-.127		-.113	-.097	.350
.400	-.045	-.049	-.053	-.020	-.143	-.115	-.118	-.105	.400
.450	-.059	-.055	-.059	-.005	-.147	-.120	-.121	-.106	.450
.500	-.057	-.052	-.061	.024	-.169	-.122	-.128	-.112	.500
.650	-.087	-.086	-.039	.087	-.196	-.150	-.148	-.127	.650
.800	-.103	-.102	.000	.039	-.220	-.177	-.151	-.133	.800
.950	-.120	-.064	-.027	-.030	-.192	-.169	-.132	-.119	.950
	Lower surface								
.011	.037	.260	.278	.285	.397				.011
.020						.411	.392		.020
.050		.184	.215	.259	.327	.362	.372	.358	.050
.100	.053	.145	.173	.223	.271	.317	.337	.338	.100
.150	.062	.128	.140	.194	.240		.309	.307	.150
.200	.070	.113	.128	.170	.212		.274	.265	.200
.250	.070	.105	.116	.151	.186	.231	.256	.237	.250
.300	.065		.103	.133	.169	.209	.237	.222	.300
.350	.060	.091	.089	.119	.145	.184	.218	.175	.350
.400	.051	.074	.077	.102	.125	.161	.196	.149	.400
.450	.051	.065	.068	.092	.116	.146	.180	.125	.450
.500	.054	.058	.061	.079	.096	.132	.160	.102	.500
.650	.053	.051	.041	.049	.057	.089	.112	.046	.650
.800	.042	.029	.027	.013	.023	.042	.067	-.004	.800
.950	.019	.019	.018	.007	.005	.011	.029	-.029	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = 12^\circ$									
Upper surface									
.012		-.089	-.044	-.004	-.024				.012
.025							-.069		.025
.050	.074	-.020	-.064	-.012	-.025	.072	-.078	-.068	.050
.100	.056	-.010	-.058	-.038	-.032	.074	-.087	-.081	.100
.150	.019	-.004	-.040	-.042	-.042	-.070	-.091	-.091	.150
.200	-.020	-.015	-.033	-.053	-.055	-.070	-.097	-.091	.200
.250	-.044	-.018	-.023	-.044	-.065	-.076	-.103	-.094	.250
.300	-.053	-.044	-.030	-.017	-.091	-.090	-.112	-.103	.300
.350	-.065	-.037	-.039	.000	-.122	-.090	-.116	-.106	.350
.400	-.078	-.061	-.049	.030	-.132	-.103	-.122	-.113	.400
.450	-.091	-.077	-.057	.061	-.134	-.112	-.122	-.116	.450
.500	-.094	-.084	-.062	.058	-.144	-.122	-.126	-.122	.500
.650	-.124	-.119	-.044	.063	-.175	-.146	-.135	-.139	.650
.800	-.135	-.118	-.008	-.001	-.197	-.169	-.156	-.144	.800
.950	-.121	-.091	-.049	-.061	-.194	-.159	-.137	-.127	.950
Lower surface									
.011	.011	.258	.325	.284	.330				.011
.020						.402	.424		.020
.050		.184	.237	.241	.275	.341	.376	.394	.050
.100	-.009	.150	.179	.195	.231	.289	.326	.341	.100
.150	-.008	.136	.153	.162	.199		.287	.304	.150
.200	.022	.118	.134	.142	.183		.253	.273	.200
.250	.038	.115	.118	.126	.155	.199	.237	.241	.250
.300	.034		.104	.107	.129	.178	.209	.225	.300
.350	.033	.115	.087	.091	.113	.159	.189	.175	.350
.400	.022	.087	.073	.078	.094	.140	.170	.146	.400
.450	.020	.078	.073	.070	.092	.117	.155	.120	.450
.500	.027	.071	.062	.064	.073	.104	.126	.093	.500
.650	.028	.077	.044	.041	.043	.056	.089	.036	.650
.800	.017	.037	.034	.009	.021	.026	.044	-.015	.800
.950	-.008	.013	.015	.013	.008	-.001	.013	-.043	.950
$\alpha = 5^\circ$ $\beta = 15^\circ$									
Upper surface									
.012		-.019	-.083	-.019	-.006				.012
.025							-.074		.025
.050	.050	.026	-.099	-.036	-.017	-.071	-.083	-.069	.050
.100	.036	.005	-.069	-.064	-.038	-.064	-.090	-.081	.100
.150	.002		-.043	-.062	-.048	-.058	-.097	-.089	.150
.200	-.031	-.014	-.039	-.059	-.059	-.064	-.106	-.088	.200
.250	-.052	-.033	-.029	-.049	-.072	-.069	-.106	-.095	.250
.300	-.071	-.057	-.039	-.029	-.089	-.080	-.105	-.105	.300
.350	-.078	-.057	-.044	-.017	-.116	-.093	-.109	-.109	.350
.400	-.097	-.071	-.050	.030	-.129	-.100	-.114	-.116	.400
.450	-.102	-.094	-.048	.064	-.138	-.107	-.121	-.124	.450
.500	-.122	-.112	-.063	.081	-.140	-.119	-.127	-.128	.500
.650	-.143	-.143	-.061	.045	-.178	-.140	-.145	-.143	.650
.800	-.140	-.139	-.040	-.019	-.196	-.166	-.159	-.135	.800
.950	-.119	-.128	-.070	-.083	-.190	-.159	-.140	-.128	.950
Lower surface									
.011	-.017	.099	.373	.309	.321				.011
.020						.375	.414		.020
.050		.061	.249	.246	.256	.316	.354	.403	.050
.100	-.047	.074	.195	.202	.208	.257	.301	.347	.100
.150	-.060	.085	.162	.161	.174	.221	.265	.310	.150
.200	-.041	.079	.139	.141	.158		.228	.270	.200
.250	-.008	.092	.121	.123	.130	.179	.218	.245	.250
.300	-.006		.113	.112	.118	.153			.300
.350	-.004	.093	.097	.093	.100	.135	.172	.182	.350
.400	-.008	.083	.083	.083	.092	.121	.148	.159	.400
.450	-.011	.089	.081	.071	.081	.099	.133	.135	.450
.500	-.007	.084	.078	.064	.067	.088	.112	.107	.500
.650	-.013	.078	.062	.049	.037	.043	.069	.043	.650
.800	-.021	.036	.039	.022	.025	.020	.034	-.004	.800
.950	-.040	-.005	.018	.011	.011	-.001	.009	-.040	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^\circ$		$\beta = 0^\circ$				
				Upper surface					
.012		-.018	-.062	-.059	-.061				.012
.025							-.017		.025
.050	-.021	-.030	-.075	-.077	-.070	-.064	-.031	-.017	.050
.100	-.023	-.042	-.071	-.089	-.087	-.072	-.053	-.036	.100
.150	-.032	-.053	-.074	-.077	-.091	-.082	-.057	-.042	.150
.200	-.037	-.064	-.077	-.095	-.094	-.088	-.071	-.039	.200
.250	-.034	-.070	-.084	-.096	-.088	-.096	-.084	-.045	.250
.300	-.042	-.072	-.088	-.075	-.077	-.115	-.091	-.044	.300
.350	-.047	-.080	-.088	-.091	-.088		-.106	-.058	.350
.400	-.061	-.083	-.090	-.091	-.096	-.129	-.114	-.070	.400
.450	-.056	-.091	-.091	-.087	-.106	-.137	-.125	-.064	.450
.500	-.070	-.093	-.101	-.091	-.093	-.140	-.128	-.068	.500
.650	-.085	-.103	-.099	-.093	-.137	-.153	-.154	-.091	.650
.800	-.102	-.122	-.109	-.134	-.159	-.151	-.151	-.113	.800
.950	-.116	-.132	-.120	-.146	-.201	-.135	-.138	-.133	.950
				Lower surface					
.011	.142	.262	.390	.355	.346				.011
.020						.354	.364		.020
.050		.228	.315	.353	.337	.321	.342	.362	.050
.100	.100	.183	.273	.311	.323	.306	.319	.322	.100
.150	.099	.165	.234	.272	.297	.283	.295	.298	.150
.200	.103	.145	.196	.243	.274		.267	.253	.200
.250	.105	.138	.175	.216	.242	.259	.258	.210	.250
.300	.103		.158	.189	.215	.242	.237	.202	.300
.350	.103	.119	.139	.165	.191	.228	.223	.162	.350
.400	.090	.098	.117	.140	.168	.208	.209	.139	.400
.450	.084	.100	.106	.126	.148	.181	.197	.114	.450
.500	.084	.085	.097	.105	.131	.162	.179	.097	.500
.650	.054	.058	.061	.061	.079	.113	.148	.053	.650
.800	.041	.033	.028	.032	.049	.065	.097	.018	.800
.950	.021	.014	.001	.012	.021	.032	.055	-.004	.950
			$\alpha = 5^\circ$		$\beta = -2^\circ$				
				Upper surface					
.012		-.050	-.072	-.063	-.046				.012
.025							-.001		.025
.050	-.045	-.055	-.084	-.075	-.063	-.046	-.015	-.015	.050
.100	-.042	-.062	-.090	-.085	-.074	-.058	-.032	-.026	.100
.150	-.058	-.081	-.093	-.077	-.083	-.064	-.038	-.034	.150
.200	-.053	-.085	-.094	-.096	-.089	-.077	-.051	-.030	.200
.250	-.053	-.087	-.098	-.097	-.084	-.082	-.060	-.034	.250
.300	-.066	-.091	-.103	-.087		-.101	-.075	-.034	.300
.350	-.075	-.095	-.103	-.101	-.082		-.087	-.046	.350
.400	-.084	-.102	-.109	-.110	-.071	-.117	-.096	-.051	.400
.450	-.077	-.106	-.108	-.116		-.123	-.113	-.047	.450
.500	-.094	-.108	-.108	-.119	-.064	-.132	-.114	-.049	.500
.650	-.103	-.117	-.116	-.127	-.111	-.142	-.139	-.077	.650
.800	-.119	-.132	-.133	-.165	-.141	-.134	-.146	-.103	.800
.950	-.128	-.141	-.141	-.155	-.198	-.123	-.129	-.126	.950
				Lower surface					
.011	.170	.302	.394	.334	.348				.011
.020						.363	.370		.020
.050		.263	.334	.345	.327	.327	.358	.326	.050
.100	.114	.214	.288	.320	.312	.299	.336	.306	.100
.150	.113	.186	.253	.281	.296	.284	.312	.281	.150
.200	.118	.160	.214	.254	.275		.277	.239	.200
.250	.120	.151	.187	.226	.245	.256	.261	.211	.250
.300	.118		.165	.198	.225	.233	.246	.202	.300
.350	.116	.125	.141	.170	.198	.225	.225	.160	.350
.400	.097	.104	.120	.149	.174	.208	.211	.145	.400
.450	.091	.097	.111	.130	.158	.194	.197	.127	.450
.500	.085	.085	.095	.112	.140	.179	.181	.106	.500
.650	.058	.055	.062	.070	.084	.125	.144	.068	.650
.800	.035	.022	.027	.028	.047	.078	.104	.026	.800
.950	.015	.004	.001	.007	.019	.039	.055	.009	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 5^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^0$ $\beta = -4^0$									
Upper surface									
.012		-.066	-.065	-.043	-.034				.012
.025							.006		.025
.050	-.069	-.072	-.079	-.057	-.046	-.020	-.001	-.013	.050
.100	-.056	-.077	-.089	-.073	-.056	-.030	-.015	-.028	.100
.150	-.069	-.092	-.091	-.069	-.065	-.041	-.021	-.037	.150
.200	-.068	-.097	-.098	-.086	-.075	-.060	-.031	-.030	.200
.250	-.075	-.096	-.105	-.089	-.068	-.072	-.041	-.028	.250
.300	-.089	-.097	-.109	-.082	-.054	-.084	-.051	-.038	.300
.350	-.089	-.102	-.113	-.101		-.098	-.065	-.037	.350
.400	-.104	-.105	-.116	-.111	-.041	-.104	-.075	-.044	.400
.450	-.092	-.109	-.115	-.121	-.040	-.114	-.088	-.046	.450
.500	-.105	-.109	-.113	-.134	-.038	-.120	-.089	-.043	.500
.650	-.109	-.116	-.122	-.148	-.086	-.124	-.117	-.065	.650
.800	-.120	-.132	-.139	-.184	-.111	-.122	-.135	-.084	.800
.950	-.130	-.147	-.153	-.169	-.188	-.113	-.114	-.113	.950
Lower surface									
.011	.211	.349	.389	.340	.356				.011
.020						.379	.356		.020
.050		.305	.347	.342	.336	.349	.350	.307	.050
.100	.154	.256	.310	.326	.313	.319	.337	.294	.100
.150	.139	.212	.263	.299	.294	.286	.321	.247	.150
.200	.148	.183	.235	.268	.286		.291	.214	.200
.250	.147	.169	.204	.242	.267	.257	.271	.180	.250
.300	.137		.182	.221	.240	.239	.257	.188	.300
.350	.127	.139	.156	.193	.221	.228	.238	.158	.350
.400	.113	.116	.132	.165	.195	.214	.222	.144	.400
.450	.097	.111	.118	.149	.176	.200	.207	.128	.450
.500	.093	.095	.103	.126	.159	.189	.187	.111	.500
.650	.060	.064	.067	.085	.103	.141	.139	.079	.650
.800	.037	.029	.028	.042	.061	.092	.106	.043	.800
.950	.016	.006	.006	.013	.026	.057	.064	.027	.950
$\alpha = 5^0$ $\beta = -8^0$									
Upper surface									
.012		-.055	-.036	-.017	-.007				.012
.025							-.004		.025
.050	-.097	-.068	-.051	-.031	-.018	.009	-.017	-.009	.050
.100	-.090	-.084	-.064	-.051	-.043	-.001	-.027	-.024	.100
.150	-.109	-.101	-.076	-.050	-.043	-.014	-.032	-.034	.150
.200	-.106	-.116	-.085	-.066	-.050	-.024	-.043	-.030	.200
.250	-.106	-.123	-.095	-.074	-.036	-.034	-.055	-.036	.250
.300	-.114	-.119	-.107	-.071	-.026	-.061	-.057	-.039	.300
.350	-.110	-.126	-.114	-.094			-.069	-.046	.350
.400	-.116	-.127	-.129	-.114	-.033	-.083	-.070	-.052	.400
.450	-.109	-.130	-.130	-.130	.046	-.091	-.083	-.059	.450
.500	-.116	-.132	-.140	-.144	.024	-.103	-.083	-.065	.500
.650	-.115	-.138	-.157	-.178	-.040	-.110	-.108	-.083	.650
.800	-.115	-.161	-.177	-.217	-.059	-.106	-.110	-.132	.800
.950	-.126	-.172	-.187	-.199	-.202	-.096	-.091	-.177	.950
Lower surface									
.011	.281	.419	.384	.340	.363				.011
.020						.370	.333		.020
.050		.369	.361	.345	.342	.360	.321	.317	.050
.100	.219	.299	.342	.325	.325	.346	.309	.302	.100
.150	.204	.257	.308	.309	.300	.318	.294	.237	.150
.200	.204	.218	.267	.298	.291		.267	.211	.200
.250	.190	.204	.242	.278	.271	.267	.263	.175	.250
.300	.172		.216	.252	.260	.251	.250	.183	.300
.350	.155	.162	.187	.224	.244	.232	.239	.144	.350
.400	.135	.141	.168	.203	.224	.218	.227	.132	.400
.450	.123	.128	.144	.176	.204	.204	.211	.120	.450
.500	.109	.109	.132	.155	.188	.188	.193	.113	.500
.650	.081	.069	.081	.107	.128	.151	.145	.079	.650
.800	.055	.046	.041	.060	.082	.109	.100	.057	.800
.950	.029	.014	.013	.028	.050	.072	.061	.048	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(b) $\delta_c = 5^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
				$\alpha = 5^\circ$		$\beta = -12^\circ$			
				Upper surface					
.012		-.020	-.011	-.005	.021				.012
.025							.020		.025
.050	-.088	-.039	-.019	-.013	.002	.013	.007	.034	.050
.100	-.087	-.060	-.040	-.033	-.020	.002	-.014	.013	.100
.150	-.096	-.072	-.049	-.034	-.023	-.006	-.011	.008	.150
.200	-.102	-.096	-.062	-.056	-.032	-.012	-.025	.011	.200
.250	-.098	-.110	-.071	-.060	-.011	-.017	-.037	-.006	.250
.300	-.096	-.117	-.079	-.057	-.007	-.034	-.039	-.008	.300
.350	-.094	-.120	-.089	-.087			-.051	-.024	.350
.400	-.105	-.123	-.107	-.104	.068	-.051	-.058	-.033	.400
.450	-.104	-.122	-.120	-.133	.100	-.063	-.070	-.031	.450
.500	-.103	-.126	-.128	-.148	.090	-.072	-.072	-.040	.500
.650	-.113	-.142	-.165	-.187	.019	-.072	-.094	-.072	.650
.800	-.109	-.169	-.194	-.231	-.019	-.091	-.076	-.147	.800
.950	-.128	-.193	-.194	-.211	-.194	-.084	-.070	-.185	.950
				Lower surface					
.011	.321	.435	.386	.335	.395				.011
.020						.380	.346		.020
.050		.417	.367	.345	.358	.359	.331	.365	.050
.100	.277	.345	.367	.321	.324	.345	.315	.317	.100
.150	.258	.305	.346	.312	.300		.297	.276	.150
.200	.251	.262	.306	.305	.282		.283	.249	.200
.250	.234	.241	.276	.298	.264	.285	.272	.222	.250
.300	.210		.247	.282	.252	.268	.261	.215	.300
.350	.197	.196	.217	.254	.244	.247	.245	.185	.350
.400	.173	.174	.196	.233	.234	.224	.229	.166	.400
.450	.162	.157	.178	.210	.226	.213	.222	.155	.450
.500	.154	.144	.159	.185	.207	.202	.206	.141	.500
.650	.124	.122	.104	.133	.154	.155	.166	.112	.650
.800	.100	.071	.067	.079	.102	.124	.112	.079	.800
.950	.075	.051	.035	.046	.068	.093	.063	.065	.950
				$\alpha = 5^\circ$		$\beta = -15^\circ$			
				Upper surface					
.012		.012	.023	.027	.061				.012
.025							.036		.025
.050	-.061	-.001	.006	.014	.040	.032	.027	.049	.050
.100	-.057	-.033	-.008	-.009	.013	.026	.006	.036	.100
.150	-.055	-.043	-.023	-.009	.007	.012	.002	.025	.150
.200	-.075	-.065	-.038	-.028	-.005	-.001	-.007	.031	.200
.250	-.072	-.079	-.044	-.040	.024	.004	-.017	.020	.250
.300	-.068	-.101	-.056	-.042	.026	-.012	-.027	.017	.300
.350	-.062	-.096	-.070	-.068			-.039	.001	.350
.400	-.074	-.103	-.082	-.097	.083	-.034	-.047	-.012	.400
.450		-.104	-.101	-.126	.164	-.044	-.062	-.009	.450
.500	-.074	-.108	-.107	-.148	.157	-.045	-.059	-.012	.500
.650	-.093	-.129	-.164	-.186	.069	-.043	-.082	-.062	.650
.800	-.089	-.163	-.197	-.225	.047	-.072	-.062	-.179	.800
.950	-.126	-.191	-.195	-.212	-.052	-.074	-.055	-.190	.950
				Lower surface					
.011	.361	.450	.403	.354	.424				.011
.020						.408	.373		.020
.050		.438	.380	.362	.389	.382	.363	.321	.050
.100	.299	.364	.380	.342	.352	.360	.339	.300	.100
.150	.279	.328	.363	.317	.318		.322	.291	.150
.200	.272	.286	.328	.307	.304		.299	.263	.200
.250	.253	.263	.299	.302	.276	.305	.286	.251	.250
.300	.235		.272	.291	.270	.291	.278	.249	.300
.350	.218	.223	.246	.264	.256	.269	.267	.216	.350
.400	.195	.193	.218	.250	.242	.249	.255	.202	.400
.450	.181	.173	.195	.225	.237	.242	.243	.188	.450
.500	.179	.160	.179	.202	.225	.225	.223	.173	.500
.650	.140	.125	.125	.151	.164	.174	.176	.141	.650
.800	.123	.084	.089	.102	.120	.138	.130	.110	.800
.950	.105	.064	.050	.060	.088	.104	.090	.086	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(c) $\delta_c = 15^0$

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha =$ [illegible]			$\beta =$ [illegible]					
	Upper surface								
.012		-.065	-.075	-.074	-.071				.012
.025							-.029		.025
.050	.004	-.040	-.091	-.089	-.074	-.051	-.044	-.030	.050
.100	-.001	-.065	-.080	-.094	-.082	-.069	-.053	-.045	.100
.150	-.006	-.070	-.087	-.088	-.094	-.076	-.063	-.048	.150
.200	-.033	-.084	-.094	-.097	-.101	-.082	-.074	-.042	.200
.250	-.030	-.094	-.084	-.095	-.095	-.097	-.084	-.040	.250
.300	-.026	-.122	-.103	-.080	-.083	-.115	-.094	-.046	.300
.350	-.037	-.121	-.091	-.094	-.093		-.105	-.051	.350
.400	-.040	-.125	-.099	-.088	-.091	-.131	-.113	-.061	.400
.450	-.080	-.124	-.108	-.089	-.081	-.135	-.110	-.065	.450
.500	-.078	-.121	-.106	-.087	-.086	-.141	-.125	-.068	.500
.650	-.110	-.137	-.118	-.108	-.109	-.149	-.150	-.089	.650
.800	-.119	-.151	-.131	-.118	-.141	-.128	-.156	-.120	.800
.950	-.135	-.157	-.147	-.149	-.163	-.134	-.140	-.150	.950
	Lower surface								
.011	.006	.207	.353	.411	.393				.011
.020						.372	.368		.020
.050		.160	.262	.362	.380	.345	.352	.363	.050
.100	.032	.129	.222	.299	.339	.322	.329	.344	.100
.150	.047	.124	.192	.250	.289	.310	.305	.305	.150
.200	.063	.113	.168	.222	.262		.284	.258	.200
.250	.074	.116	.150	.192	.222	.258	.261	.211	.250
.300	.076		.137	.171	.201	.238	.258	.201	.300
.350	.072	.106	.119	.139	.180	.218	.240	.158	.350
.400	.063	.088	.098	.126	.155	.199	.224	.137	.400
.450	.068	.083	.098	.110	.138	.180	.211	.119	.450
.500	.070	.075	.082	.095	.117	.161	.192	.098	.500
.650	.054	.056	.047	.058	.069	.103	.138	.056	.650
.800	.040	.025	.028	.025	.035	.058	.088	.018	.800
.950	.019	.011	.002	.002	.007	.022	.049	-.011	.950
	$\alpha =$ [illegible]			$\beta =$ [illegible]					
	Upper surface								
.012		.115	.020	-.097	-.081				.012
.025							-.064		.025
.050	.017	.063	-.002	-.095	-.090	-.074	-.074	-.046	.050
.100	.005	.014	-.043	-.085	-.101	-.089	-.082	-.062	.100
.150	.000	.017	-.066	-.064	-.108	-.093	-.093	-.071	.150
.200	.002	.008	-.083	-.084	-.103	-.100	-.102	-.071	.200
.250	.012	-.004	-.078	-.075	-.104	-.112	-.110	-.066	.250
.300	.012	-.034	-.103	-.076	-.097	-.132	-.117	-.080	.300
.350	.009	-.017	-.112	-.081	-.109		-.126	-.077	.350
.400	-.002	-.020	-.119	-.026		-.141	-.135	-.083	.400
.450	-.024	-.043	-.117	-.004	-.109	-.146	-.131	-.093	.450
.500	-.021	-.065	-.116	.009	-.123	-.146	-.142	-.096	.500
.650	-.071	-.102	-.116	-.026	-.147	-.159	-.161	-.110	.650
.800	-.102	-.119	-.077	-.005	-.176	-.153	-.165	-.135	.800
.950	-.126	-.135	-.064	-.087	-.172	-.152	-.148	-.147	.950
	Lower surface								
.011	.002	.102	.120	.373	.465				.011
.020						.419	.357		.020
.050		.091	.118	.293	.370	.380	.336	.354	.050
.100		.077	.118	.237	.302	.340	.339	.345	.100
.150	.062	.075	.117	.201	.252	.305	.321	.291	.150
.200	.068	.064	.113	.181	.222		.291	.253	.200
.250	.055	.067	.106	.155	.195	.238	.255	.211	.250
.300	.044		.106	.142	.174	.216	.250		.300
.350	.034	.074	.097	.119	.159	.197	.224	.167	.350
.400	.025	.057	.075	.111	.135	.174	.204	.144	.400
.450	.026	.051	.081	.095	.120	.147	.186	.116	.450
.500	.030	.048	.065	.083	.097	.137	.166	.100	.500
.650	.032	.041	.041	.050	.056	.085	.110	.046	.650
.800	.041	.023	.022	.011	.029	.046	.071	-.001	.800
.950	.027	.019	.004	-.001	.004	.015	.037	-.030	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(c) $\delta_c = 15^o$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
			$\alpha = 5^o$		$\beta = 8^o$				
				Upper surface					
.012		.176	.096	-.069	-.107				.012
.025							-.078		.025
.050	-.019	.142	.084	-.036	-.107	-.095	-.090	-.069	.050
.100	-.001	.080	.066	-.047	-.100	-.104	-.098	-.083	.100
.150	.009	.062	.044	-.040	-.091	-.104	-.108	-.096	.150
.200	.009	.045	.023	-.064	-.051	-.103	-.116	-.097	.200
.250	.007	.025	.017	-.072	-.071	-.098	-.123	-.093	.250
.300	-.002	.004	.000	-.055	-.109	-.120	-.129	-.103	.300
.350	.005	.006	-.014	-.047	-.148		-.134	-.102	.350
.400	-.005	-.007	-.026	.005	-.166	-.122	-.138	-.109	.400
.450	-.013	-.015	-.049	.057		-.128	-.138	-.116	.450
.500	-.023	-.020	-.026	.107	-.177	-.136	-.148	-.120	.500
.650	-.059	-.062	-.009	.082	-.193	-.154	-.164	-.135	.650
.800	-.081	-.074	.001	.064	-.234	-.176	-.158	-.151	.800
.950	-.093	-.064	-.034	-.021	-.185	-.217	-.150	-.139	.950
				Lower surface					
.011	.183	.009	.090	.213	.416				.011
.020						.463	.432		.020
.050		.062	.050	.175	.305	.383	.394	.380	.050
.100	.101	.092	.064	.152	.250	.331	.353	.358	.100
.150	.062	.069	.082	.143	.207	.290	.313	.318	.150
.200	.043	.048	.071	.145	.182		.273	.280	.200
.250	.029	.042	.065	.129	.182	.216	.231	.238	.250
.300	.030		.060	.124	.160	.201	.224	.222	.300
.350	.022	.027	.046	.099	.145	.186	.196	.179	.350
.400	.015	.018	.035	.096	.124	.165	.174	.146	.400
.450	.013	.020	.041	.078	.105	.134	.162	.119	.450
.500	.013	.013	.034	.074	.089	.123	.146	.096	.500
.650	.015	.021	.023	.044	.050	.068	.100	.035	.650
.800	.015	.018	.018	.012	.021	.028	.061	-.018	.800
.950	.002	.011	.015	.011	.009	.002	.023	-.041	.950
			$\alpha = 5^o$		$\beta = 12^o$				
				Upper surface					
.012		.168	.069	.049	-.068				.012
.025							-.091		.025
.050	-.023	.138	.070	.042	-.066	-.109	-.096	-.089	.050
.100	-.019	.093	.082	.014	-.063	-.110	-.103	-.097	.100
.150	-.033	.077	.064	.017	-.058	-.096	-.108	-.103	.150
.200	-.033	.019	.066	.004	-.053	-.100	-.117	-.102	.200
.250	-.038	-.007	.044	.005	-.083	-.100	-.126	-.103	.250
.300	-.028	-.013	.014	.006	-.117	-.082	-.132	-.114	.300
.350	-.025	-.014	.001	.039	-.149	-.097	-.134	-.113	.350
.400	-.043	-.027	-.011	.130	-.165	-.103	-.132	-.117	.400
.450	-.040	-.034	-.027	.143	-.173	-.120	-.134	-.122	.450
.500	-.059	-.036	-.030	.134	-.187	-.127	-.134	-.128	.500
.650	-.079	-.079	.051	.117	-.210	-.157	-.141	-.146	.650
.800	-.100	-.071	.012	.049	-.230	-.174	-.151	-.146	.800
.950	-.049	-.071	-.032	-.037	-.204	-.192	-.160	-.138	.950
				Lower surface					
.011	.134	-.004	.178	.134	.249				.011
.020						.414	.450		.020
.050		.005	.129	.113	.185	.325	.389	.419	.050
.100	.032	.037	.099	.093	.159	.271	.336	.365	.100
.150	.012	.047	.106	.074	.133	.229	.290	.325	.150
.200	-.002	.021	.090		.127		.249	.285	.200
.250	-.009	.033	.065	.082	.124	.176	.215	.255	.250
.300	-.005		.053	.068	.115	.157	.201	.238	.300
.350	-.002	.030	.037	.054	.096	.143	.175	.187	.350
.400	.000	.014	.019	.051	.079	.129	.158	.158	.400
.450	.009	.021	.021	.042	.068	.122	.146	.129	.450
.500	.021	.023	.018	.035	.054	.103	.123	.107	.500
.650	.002	.032	.021	.026	.030	.049	.084	.042	.650
.800	-.012	.005	.011	.015	.008	.021	.041	-.005	.800
.950	-.030	-.016	-.005	.008	.009	-.007	.016	-.034	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^\circ$ $\beta = 15^\circ$								
Upper surface									
.012		.160	.051	.077	.045				.012
.025							-.103		.025
.050	-.079	.131	.054	.053	.017	-.102	-.107	-.115	.050
.100	-.064	.075	.068	.036	.004	-.079	-.113	-.110	.100
.150	-.073	.045	.054	.041	.004	-.060	-.121	-.118	.150
.200	-.063	.013	.040	.032	.008	-.068	-.117	-.122	.200
.250	-.063	-.019	.038	.033	-.008	-.054	-.115	-.124	.250
.300	-.076	-.051	.027	.030	-.051	-.063	-.120	-.139	.300
.350	-.084	-.075	.006	.058	-.085		-.122	-.139	.350
.400	-.094	-.091	-.011	.148	-.105	-.091	-.123	-.149	.400
.450	-.078	-.109	-.024	.154	-.123	-.108	-.122	-.158	.450
.500	-.099	-.118	-.036	.149	-.122	-.120	-.113	-.167	.500
.650	-.110	-.131	.012	.101	-.172	-.136	-.120	-.163	.650
.800	-.129	-.116	-.002	.013	-.174	-.160	-.144	-.156	.800
.950	-.062	-.122	-.058	-.054	-.187	-.169	-.167	-.152	.950
Lower surface									
.011	.152	-.009	.202	.175	.175				.011
.020						.345	.412		.020
.050		-.020	.148	.147	.147	.280	.355	.409	.050
.100		.006	.115	.115	.120	.231	.296	.357	.100
.150	.003	.030	.117	.096	.107	.197	.255	.310	.150
.200	-.005	-.001	.112	.104	.110		.215	.275	.200
.250	-.014	-.005	.071	.093	.099	.159	.198	.247	.250
.300	-.010	-.031	.051	.072	.086	.148	.171	.227	.300
.350	-.002	.002	.031	.052	.075	.135	.161	.182	.350
.400	.006	.007	.033	.037	.063	.117	.142	.149	.400
.450	.015	.029	.030	.035	.049	.096	.129	.133	.450
.500	.019	.033	.037	.028	.042	.080	.107	.106	.500
.650	-.005	.023	.029	.027	.021	.030	.075	.050	.650
.800	-.023	.008	.007	.008	.016	.006	.033	.002	.800
.950	-.047	-.026	-.023	.000	.007	-.009	-.002	-.034	.950

[redacted]

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY,

MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED

VERTICAL TAIL CONFIGURATION - Continued

(c) $\delta_c = 15^0$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^0$				$\beta = 0^0$				
	Upper surface								
.012		-.065	-.075	-.074	-.071				.012
.025							-.029		.025
.050	.004	-.040	-.091	-.089	-.074	-.051	-.044	-.030	.050
.100	-.001	-.065	-.080	-.094	-.082	-.069	-.053	-.045	.100
.150	-.006	-.070	-.087	-.088	-.094	-.076	-.063	-.048	.150
.200	-.033	-.084	-.094	-.097	-.101	-.082	-.074	-.042	.200
.250	-.030	-.094	-.084	-.095	-.095	-.097	-.084	-.040	.250
.300	-.026	-.122	-.103	-.080	-.083	-.115	-.094	-.046	.300
.350	-.037	-.121	-.091	-.094	-.093		-.105	-.051	.350
.400	-.040	-.125	-.099	-.088	-.091	-.131	-.113	-.061	.400
.450	-.080	-.124	-.108	-.089	-.081	-.135	-.110	-.065	.450
.500	-.078	-.121	-.106	-.087	-.086	-.141	-.125	-.068	.500
.650	-.110	-.137	-.118	-.108	-.109	-.149	-.150	-.089	.650
.800	-.119	-.151	-.131	-.118	-.141	-.128	-.156	-.120	.800
.950	-.135	-.157	-.147	-.149	-.163	-.134	-.140	-.150	.950
	Lower surface								
.011	.006	.207	.353	.411	.393				.011
.020						.372	.368		.020
.050		.160	.262	.362	.380	.345	.352	.363	.050
.100	.032	.129	.222	.299	.339	.322	.329	.344	.100
.150	.047	.124	.192	.250	.289	.310	.305	.305	.150
.200	.063	.113	.168	.222	.262		.284	.258	.200
.250	.074	.116	.150	.192	.222	.258	.261	.211	.250
.300	.076		.137	.171	.201	.238	.258	.201	.300
.350	.072	.106	.119	.139	.180	.218	.240	.158	.350
.400	.063	.088	.098	.126	.155	.199	.224	.137	.400
.450	.068	.083	.098	.110	.138	.180	.211	.119	.450
.500	.070	.075	.082	.095	.117	.161	.192	.098	.500
.650	.054	.056	.047	.058	.069	.103	.138	.056	.650
.800	.040	.025	.028	.025	.035	.058	.088	.018	.800
.950	.019	.011	.002	.002	.007	.022	.049	-.011	.950
	$\alpha = 5^0$				$\beta = -4^0$				
	Upper surface								
.011	-.087	-.072	-.101	-.065	-.039				.011
.025							-.018		.025
.050	-.065	-.089	-.103	-.072	-.052	-.037	-.030	-.052	.050
.100	-.071	-.101	-.101	-.074	-.068	-.049	-.038	-.052	.100
.150	-.088	-.110	-.105	-.089	-.077	-.056	-.049	-.038	.150
.200	-.091	-.115	-.103	-.099	-.069	-.070	-.063	-.039	.200
.250	-.093	-.120	-.106	-.084	-.051		-.070	-.038	.250
.300	-.105	-.118	-.112	-.106	-.070	-.070	-.082	-.042	.300
.350	-.113	-.127	-.120	-.121	-.046	-.106	-.087	-.048	.350
.400	-.119	-.127	-.129	-.134	-.013	-.113	-.091	-.052	.400
.450	-.125	-.128		-.147	-.034	-.125	-.100	-.055	.450
.500	-.134	-.143	-.144	-.189	-.065	-.125	-.122	-.081	.500
.650	-.140	-.157	-.172	-.209	-.096	-.109	-.131	-.110	.650
.800	-.146	-.175	-.186	-.208	-.122	-.113	-.116	-.170	.800
.950	-.050	-.086	-.045	-.033	-.076	-.011	-.039	.015	.950
	Lower surface								
.011	.119	.263	.467	.387	.391				.011
.020						.393	.368		.020
.050		.186	.358	.401	.365	.363	.352		.050
.100	.084	.170	.287	.354	.355	.337	.338	.310	.100
.150	.102	.170	.238	.299	.330	.305	.317	.266	.150
.200	.113	.151	.204	.260	.307		.292	.236	.200
.250	.116	.148	.183	.230	.260	.274	.268	.198	.250
.300	.125		.165	.207	.242	.263	.263	.205	.300
.350	.116	.126	.141	.172	.211	.246	.242	.168	.350
.400	.102	.110	.117	.155	.182	.226	.226	.155	.400
.450	.097	.100	.111	.137	.166	.208	.215	.135	.450
.500	.099	.093	.095	.120	.144	.187	.195	.117	.500
.650	.062	.068	.060	.076	.092	.132	.156	.083	.650
.800	.041	.023	.035	.037	.048	.078	.110	.041	.800
.950	.022	.014	.014	.015	.023	.046	.061	.016	.950

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED VERTICAL TAIL CONFIGURATION - Continued

(c) $\delta_c = 15^\circ$ - Continued

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
$\alpha = 5^\circ$ $\beta = -8^\circ$									
Upper surface									
.012		-.089	-.050	-.017	-.013				.012
.025							-.015		.025
.050	-.126	-.064	-.068	-.033	-.019	-.005	-.010	-.002	.050
.100	-.084	-.077	-.078	-.044	-.030	-.018	-.018	-.017	.100
.150	-.103	-.113	-.087	-.043	-.046	-.026	-.023	-.029	.150
.200	-.109	-.135	-.094	-.065	-.055	-.034	-.032	-.025	.200
.250	-.120	-.129	-.100	-.072	-.039		-.043	-.025	.250
.300	-.114	-.125	-.107	-.067	-.030	-.069	-.049	-.039	.300
.350	-.133	-.127	-.118	-.094			-.063	-.039	.350
.400	-.139	-.134	-.133	-.118	-.026	-.084	-.075	-.050	.400
.450	-.115	-.135	-.133	-.137	.061	-.089	-.081	-.061	.450
.500	-.127	-.137	-.146	-.156	.027	-.093	-.088	-.068	.500
.650	-.125	-.146	-.170	-.196	-.008	-.093	-.109	-.083	.650
.800	-.135	-.175	-.203	-.234	-.056	-.091	-.099	-.157	.800
.950	-.143	-.196	-.200	-.219	-.089	-.093	-.090	-.201	.950
Lower surface									
.011	.369	.359	.429	.385	.400				.011
.020						.380	.307		.020
.050		.322	.383	.384	.368	.369	.317		.050
.100	.161	.299	.334	.351	.352	.347	.312		.100
.150	.170	.258	.307	.322	.330	.323	.298		.150
.200	.180	.219	.271	.295	.314		.279		.200
.250	.170	.197	.245	.268	.284	.277	.265		.250
.300	.167		.215	.254	.267	.267	.259		.300
.350	.152	.156	.187	.216	.242	.253	.244		.350
.400	.134	.140	.156	.204	.221	.235	.231		.400
.450	.127	.124	.144	.175	.201	.219	.216		.450
.500	.121	.110	.124	.153	.188	.209	.195		.500
.650	.086	.081	.079	.099	.125	.156	.162		.650
.800	.064	.040	.042	.057	.077	.114	.117		.800
.950	.042	.021	.015	.025	.037	.077	.065		.950
$\alpha = 5^\circ$ $\beta = -12^\circ$									
Upper surface									
.012		-.032	-.008	.019	.018				.012
.025							.005		.025
.050	-.063	-.048	-.026	-.001	.007	.015	-.006	.029	.050
.100	-.072	-.064	-.036	-.018	-.013	-.004	-.019	.013	.100
.150	-.089	-.087	-.050	-.019	-.027	-.012	-.030	.004	.150
.200	-.087	-.097	-.062	-.038	-.029	-.025	-.039	.004	.200
.250	-.083	-.105	-.070	-.048	-.008	-.037	-.051	.002	.250
.300	-.089	-.107	-.084	-.042	.000	-.056	-.059	-.014	.300
.350	-.087	-.113	-.094	-.072	-.038	-.063	-.070	-.019	.350
.400	-.095	-.116	-.105	-.101	.125	-.075	-.078	-.025	.400
.450	-.086	-.120	-.110	-.126	.135	-.075	-.075	-.039	.450
.500	-.094	-.120	-.122	-.146	.099	-.075	-.083	-.042	.500
.650	-.096	-.131	-.165	-.185	.051	-.075	-.103	-.065	.650
.800	-.110	-.172	-.196	-.228	.006	-.087	-.086	-.187	.800
.950	-.137	-.201	-.201	-.211	-.057	-.101	-.080	-.200	.950
Lower surface									
.011	.397	.411	.426	.377	.394				.011
.020						.366	.320		.020
.050		.422	.392	.383	.359	.345	.310	.355	.050
.100	.267	.351	.378	.357	.337	.321	.294	.306	.100
.150	.273	.311	.352	.334	.321	.299	.271	.262	.150
.200	.261	.273	.318	.323			.251	.236	.200
.250	.233	.250	.288	.303	.285	.272	.255	.212	.250
.300	.219		.261	.287	.273	.254	.240	.203	.300
.350	.201	.201	.225	.250	.258	.245	.222	.168	.350
.400	.176	.180	.201	.236	.243	.224	.222	.154	.400
.450	.163	.156	.184	.204	.229	.215	.210	.145	.450
.500	.159	.145	.157	.183	.205	.208	.192	.128	.500
.650	.119	.107	.108	.126	.149	.166	.152	.093	.650
.800	.096	.061	.068	.079	.098	.128	.100	.064	.800
.950	.072	.045	.035	.043	.061	.096	.065	.044	.950

TABLE XXIII

TABULATED PRESSURE COEFFICIENTS FOR MEDIUM-BODY, MIDWING, SMALL TRAPEZOIDAL CANARD, WING-MOUNTED VERTICAL TAIL CONFIGURATION - Concluded

(c) $\delta_c = 15^\circ$ - Concluded

x/c	Cp at wing station								x/c
	1	2	3	4	5	6	7	8	
	$\alpha = 5^\circ$ $\beta = -15^\circ$								
Upper surface									
.012		.006	.021	.034	.052				.012
.025							.039		.025
.050	-.039	-.014	.001	.021	.039	.039	.030	.066	.050
.100	-.047	-.033	-.015	.005	.019	.026	.012	.047	.100
.150	-.051	-.051	-.031	-.001	.005	.015	.002	.039	.150
.200	-.060	-.071	-.042	-.018	-.005	.005	-.009	.039	.200
.250	-.057	-.075	-.051	-.031	.024	-.006	-.020	.033	.250
.300	-.053	-.089	-.060	-.030	.028	-.027	-.031	.026	.300
.350	-.056	-.090	-.071	-.056			-.042	.013	.350
.400	-.068	-.094	-.084	-.093	.135	-.049	-.052	.002	.400
.450	-.070	-.096	-.098	-.123	.183	-.051	-.057	-.005	.450
.500	-.065	-.103	-.100	-.145	.167	-.047	-.069	-.012	.500
.650	-.079	-.125	-.153	-.192	.093	-.050	-.088	-.056	.650
.800	-.085	-.158	-.192	-.221	.056	-.068	-.062	-.183	.800
.950	-.127	-.189	-.193	-.204	-.051	-.084	-.058	-.180	.950
Lower surface									
.011	.424	.458	.437	.386	.432				.011
.020						.405	.362		.020
.050		.454	.397	.393	.394	.377	.351	.402	.050
.100	.295	.383	.399	.369	.367	.355	.330	.334	.100
.150	.298	.339	.380	.344	.333	.335	.309	.302	.150
.200	.290	.299	.344	.331	.321		.276	.267	.200
.250	.268	.278	.314	.323	.300	.288	.260	.246	.250
.300	.250		.281	.311	.289	.276	.247	.239	.300
.350	.229	.228	.248	.280	.277	.268	.232	.206	.350
.400	.210	.203	.222	.262	.260	.245	.225	.195	.400
.450	.191	.184	.206	.238	.248	.234	.215	.183	.450
.500	.190	.171	.174	.214	.232	.222	.204	.164	.500
.650	.148	.129	.128	.164	.181	.181	.162	.129	.650
.800	.129	.082	.090	.113	.127	.143	.108	.102	.800
.950	.108	.066	.059	.072	.094	.107	.073	.077	.950

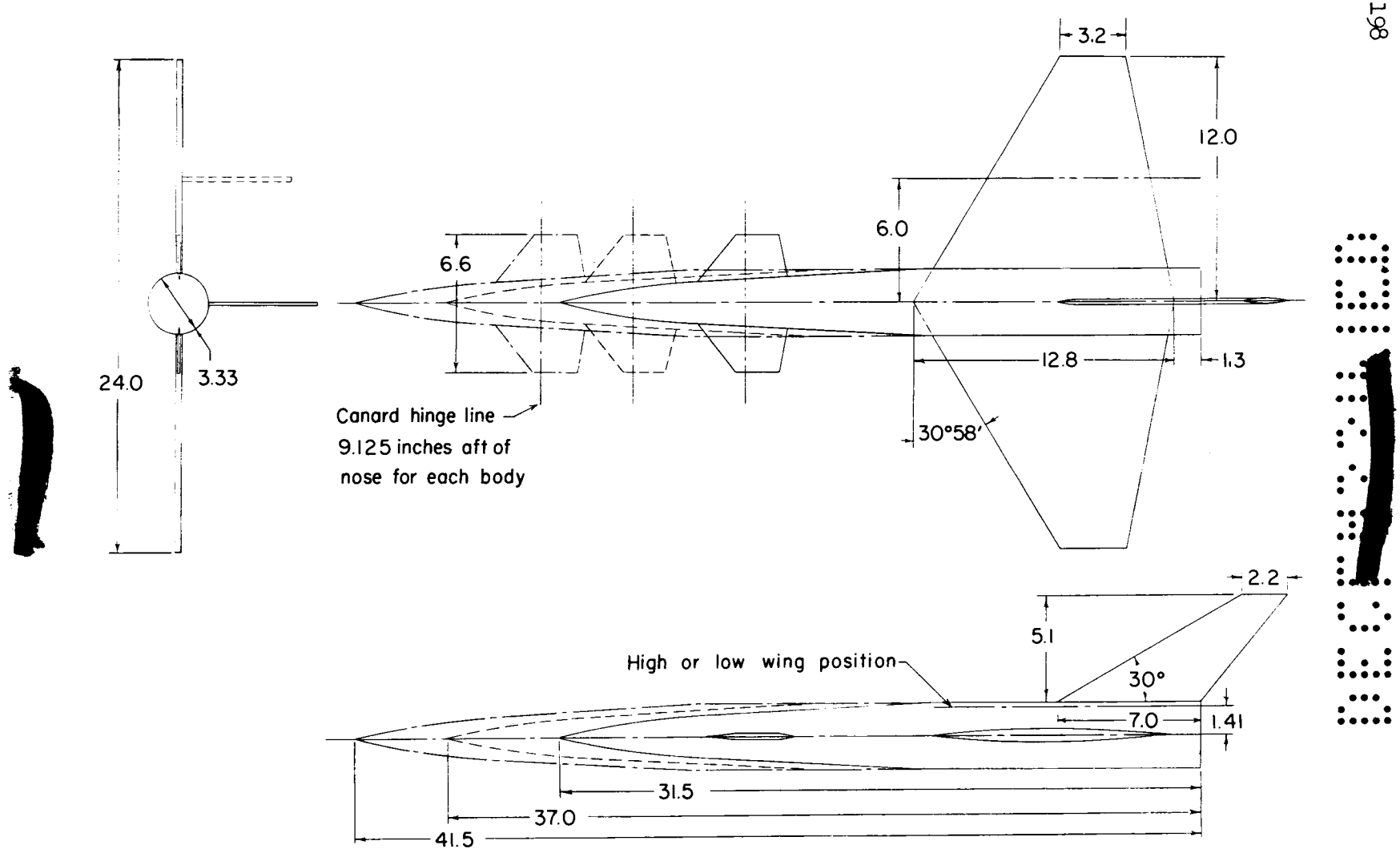
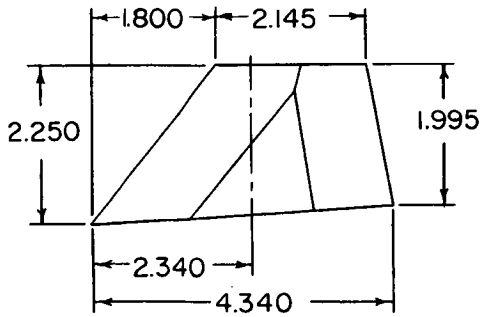
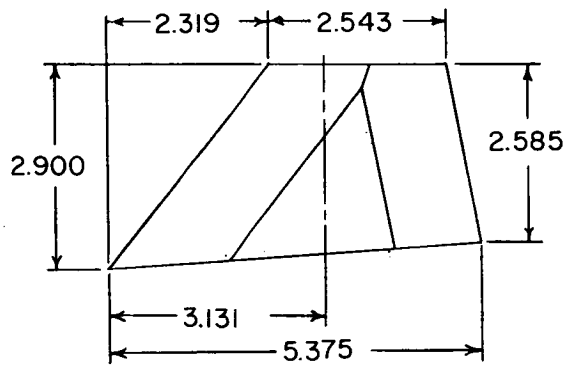


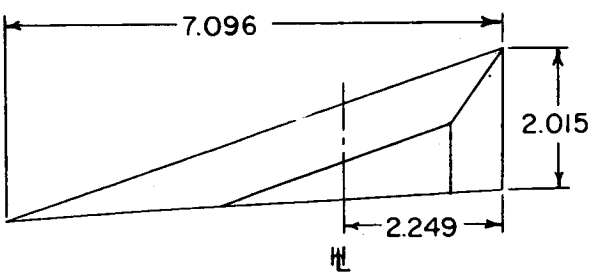
Figure 1.- Details of the model. All dimensions are in inches.



(a) Small trapezoid.

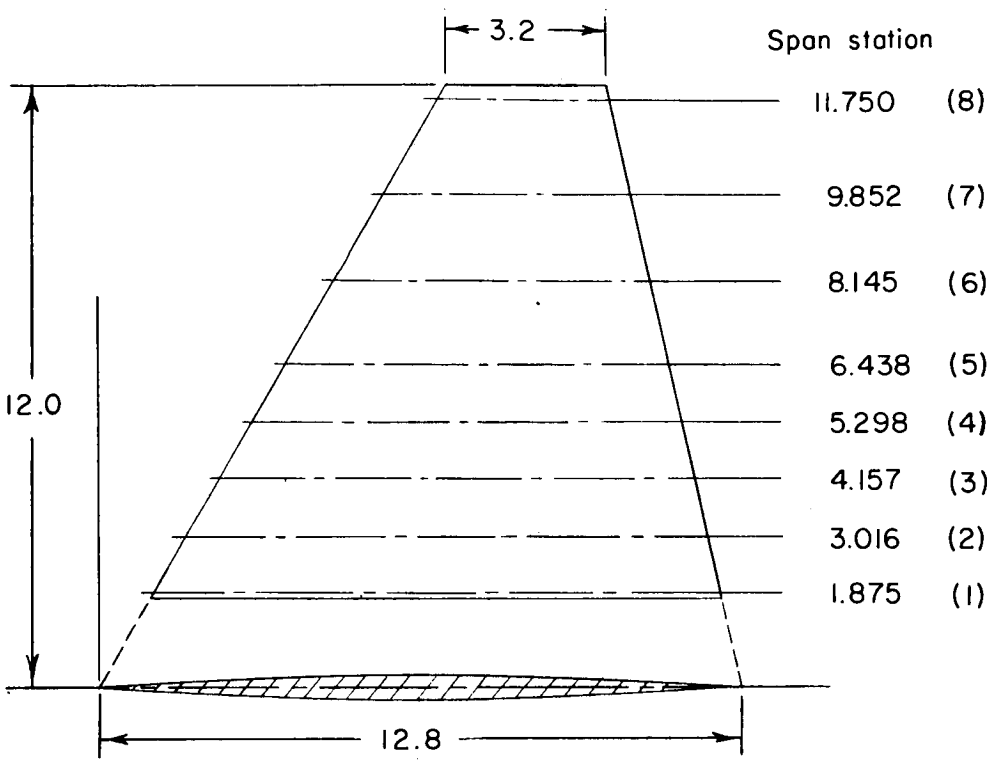


(b) Large trapezoid.



(c) Small delta.

Figure 2.- Canard details. All dimensions are in inches.



	1	2	3	4	5	6	7	8	
Span Sta.	1.875	3.016	4.157	5.298	6.438	8.145	9.852	11.750	Percent
Local Chord	11.300	10.387	9.474	8.562	7.650	6.284	4.918	3.400	Local Sta.
Both Surfaces	.1243	.1174	.1071	.09675	.08645				1.1
Upper	.2825	.2597	.2368	.2141	.1913	.1571	.1230		2.5
Lower	.2260	.2077	.1895	.1712	.1530	.1257	.9836		2.0
Both	.565	.519	.474	.428	.383	.314	.246	.170	5
	1.130	1.039	.947	.856	.765	.628	.492	.340	10
	1.695	1.558	1.421	1.284	1.148	.943	.738	.510	15
	2.260	2.077	1.895	1.712	1.530	1.257	.984	.680	20
	2.825	2.597	2.369	2.140	1.913	1.571	1.230	.850	25
	3.390	3.116	2.842	2.569	2.295	1.885	1.475	1.020	30
	3.955	3.635	3.316	2.997	2.678	2.199	1.721	1.190	35
	4.520	4.155	3.790	3.425	3.060	2.513	1.967	1.360	40
	5.085	4.674	4.263	3.853	3.443	2.828	2.213	1.530	45
	5.650	5.194	4.737	4.281	3.825	3.142	2.459	1.701	50
	7.345	6.752	6.158	5.565	4.973	4.085	3.197	2.211	65
	9.040	8.309	7.579	6.849	6.120	5.027	3.934	2.721	80
	10.735	9.868	9.000	8.134	7.268	5.970	4.672	3.231	95

Figure 3.- Details of orifice location. All dimensions are in inches except as noted.

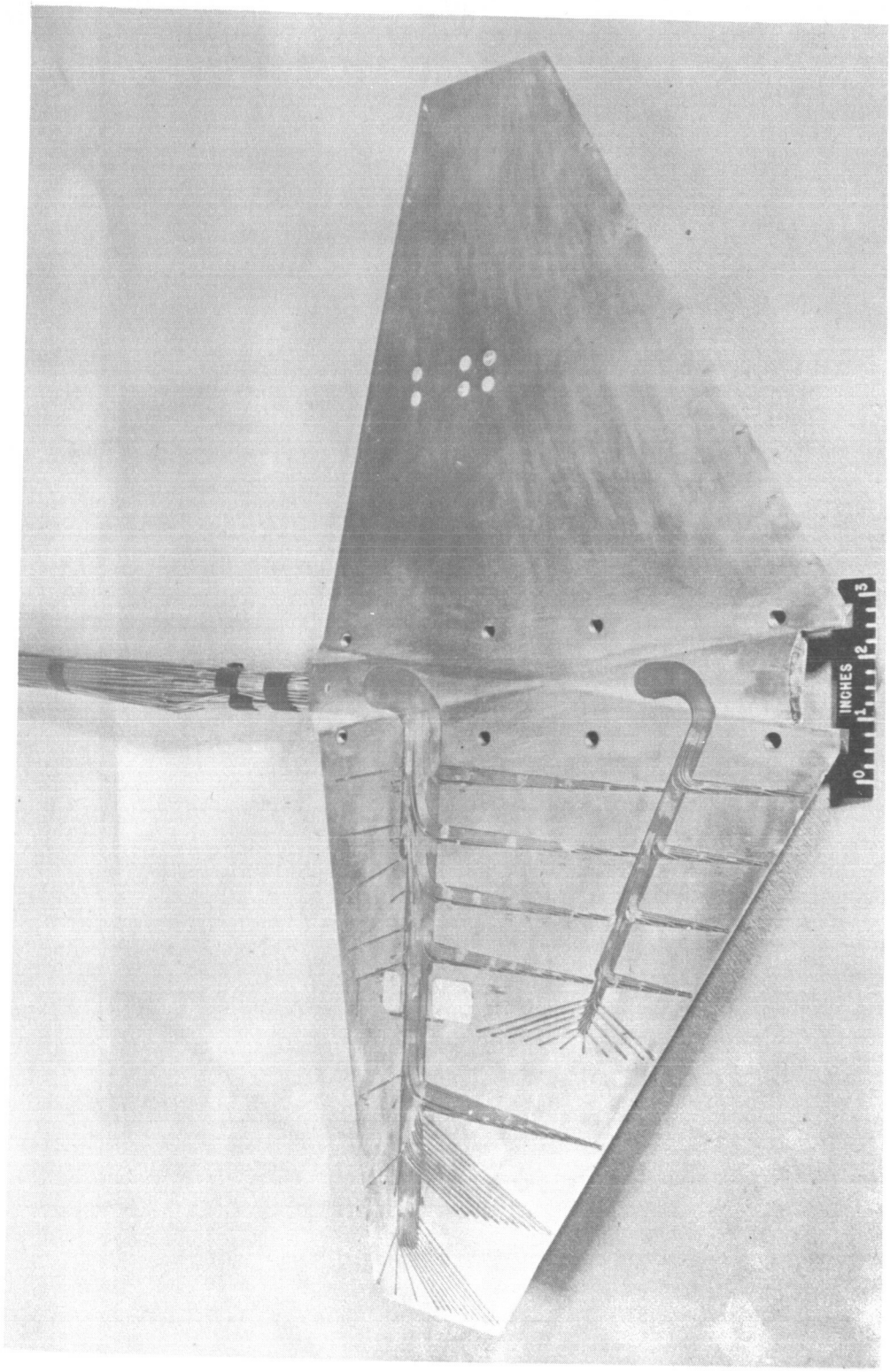


Figure 4.- Photograph of instrumented wing. L-58-94